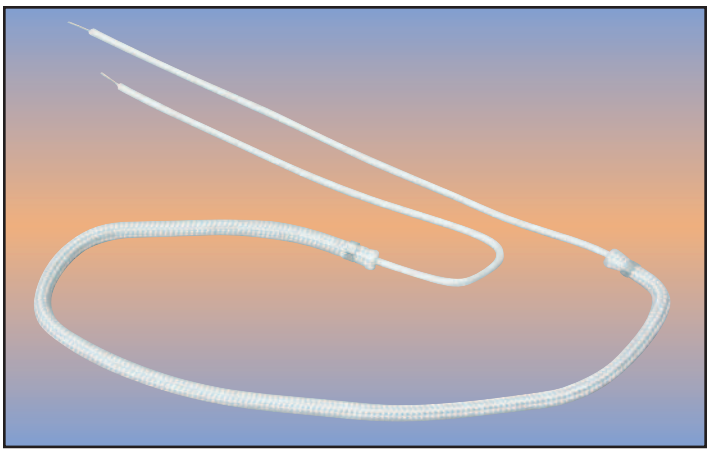
Rope Heaters

RHR Series — Fiberglass Insulated Rope Heater



Typical Applications

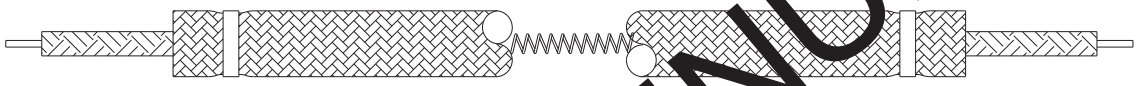
- *Appliances*
- *Incubators*
- *Laboratory Beakers*
- *Blueprint Machine Drier Units*
- *Heat Tracing for Pipes or Tubes*
- *Valves or Union*

Tempco's **Rope Heaters** are made from the highest quality materials and are designed to last longer than rope heaters from other manufacturers.

A resistive alloy element is helically wound around a fiberglass core and covered with a layer of fiberglass sleeving. Fiberglass leads are crimped onto the resistance wire and covered by the fiberglass sleeving. Retention crimps hold the assembly together.

They are used where a low cost, economical heat source is required.

Single Element — Lead From Both Ends



Specifications

Maximum Temperature: 900°F (482°C)

Maximum Length: 300" (7620 mm)

Nominal Diameter: 120V: 0.165" (4.2 mm)
240V: 0.180" (4.6 mm)

Maximum Recommended Wattage: 5W/linear inch
Some applications can go higher; consult Tempco.

Wattage Tolerance: +5%, –10%

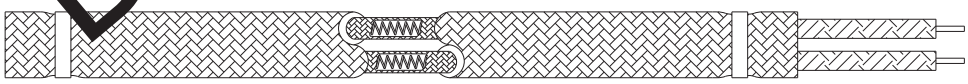
Resistance Tolerance: +10%, –5%

Standard Leads: 10" Fiberglass, 450°C (842°F)

Structure

1. Flexible woven fiberglass sleeving
2. High grade resistance wire element wound on a fiberglass core
3. Retention crimp
4. High temperature fiberglass leads

Double Element — Leads From Single End



Specifications

Maximum Temperature: 900°F (482°C)

Maximum Length: 150" (3810 mm)

Nominal Diameter: 120V or 240V: 0.300" (7.62 mm)

Maximum Recommended Wattage: 8W/linear inch
Some applications can go higher; consult Tempco.

Wattage Tolerance: +5%, –10%

Resistance Tolerance: +10%, –5%

Standard Leads: 10" Fiberglass, 450°C (842°F)

Structure

1. External flexible woven fiberglass sleeving
2. Internal flexible woven fiberglass sleeving
3. High grade resistance wire element wound on a fiberglass core
4. Retention crimp
5. High temperature fiberglass leads