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)

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

DISCONTINUED