

Lead and Termination Options

Flexible Heater Lead Options

Standard Leads — Teflon®

Tempco's standard leads are 10" long, Teflon® insulated, flexible, stranded, plated copper wire. Stripped: 1/4"

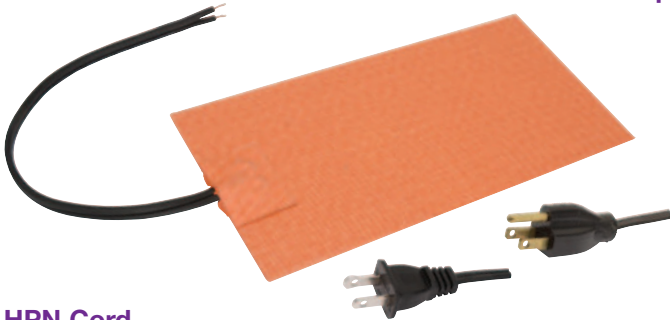
- UL1180 rated 300V 200°C
- UL1199 rated 600V 200°C

On silicone rubber heaters, the lead connections are insulated with vulcanized silicone rubber, which also acts as a strain relief.

For Kapton® insulated heaters, high temperature epoxy is used to insulate and reinforce the lead connection.



Optional Leads



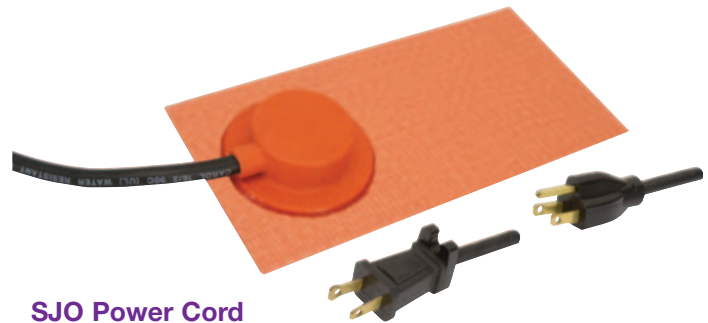
HPN Cord

For portable heaters, a two-conductor neoprene cordset can be vulcanized to the heater in any desired length.

HPN Cord and Plug Set

A two-conductor neoprene cord and plug set can be vulcanized to the heater. Standard Length: 6 ft. (1.83 M), 7 ft. (2.13M), or custom length as specified. Supplied with standard straight blade ungrounded plug, or grounded plug. 120Vac only.

- 2-Pole 2 wire non-grounding (NEMA 1-15P)
- 2-Pole 3 wire grounding (NEMA 5-15P)



SJO Power Cord

For industrial applications, SJO heavy duty power cords can be attached to the heaters in any desired length.

SJO Power Cord and Plug Set

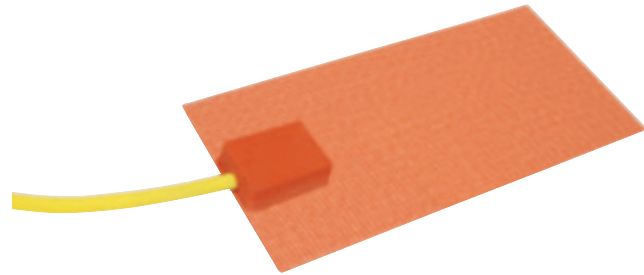
SJO heavy duty power cord and plug set can be attached to the heaters. Standard Length: 6 ft. (1.83 M), or custom length as specified. Supplied with standard straight blade ungrounded plug, or grounded plug. 120Vac only. (For 240Vac see page 15-15 for optional plugs)

- 2-Pole 2 wire non-grounding (NEMA 1-15P)
- 2-Pole 3 wire grounding (NEMA 5-1)



Silicone Rubber Leads

Ensures a moisture seal on the heater. Due to the similarity in material, the heater will fuse to the leads during the vulcanization process. Silicone rubber leads are more flexible, but are not as abrasion resistant as Teflon® leads.



Built-Up Molded Lead Exit

Used to encase lead exit and optional snap action thermostat. (See page 9-15 for thermostat specifications) Shown with SJO cord rated -50°C to 105°C.

Special Lead Options

Special lead wire types and lengths in many configurations can be done. Consult Tempco.

Abrasion Protection Options

Various materials can be put over Teflon® or Silicone Rubber leads to provide mechanical or abrasion protection. The leads exit the heater as a single unit.

- Silicone Rubber/Fiberglass Sleeving (356°F/180°C)
- Heat Shrink Sleeving