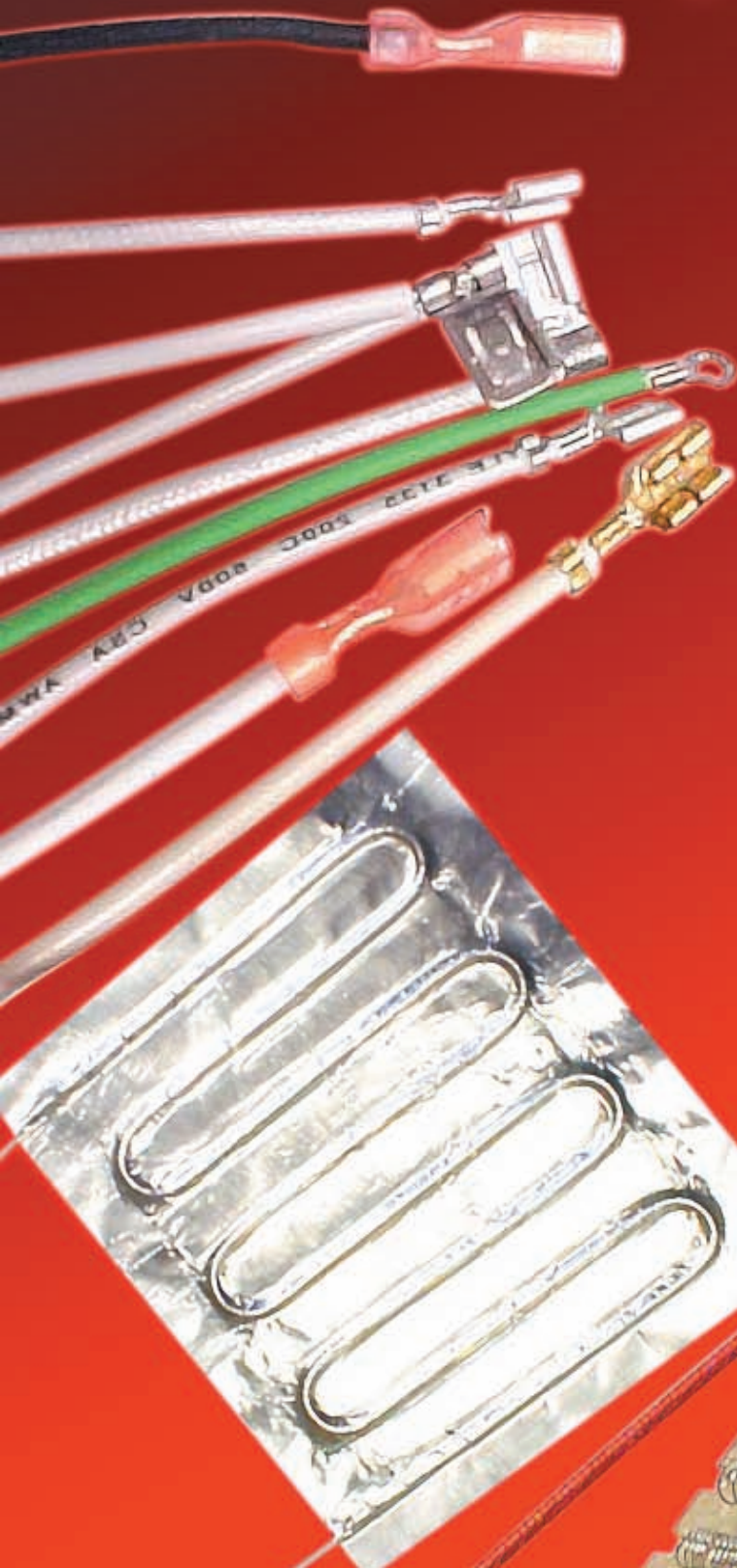


The Hot Choice For Heating Elements and Lead Wires



World-class
manufacturing
requires world-class
components.

Jen-Ter
heating elements
and lead wires
meet your toughest
production quality
standards.





We've designed and manufactured thousands of proven components for a wide variety of industries, including:

Consumer Appliances, Commercial Food Service Equipment, Refrigeration, Seating, Electronic Controls, Lawn and Garden, Commercial and Industrial Equipment, Medical and Laboratory Devices.

Our broad-based manufacturing experience means we can provide innovative solutions to your heating and wiring needs. Solutions that will help make your designs practical and profitable.

HEATING ELEMENTS THAT EXCEED YOUR STANDARDS

In addition to being custom designed to your requirements, all heating elements can be fabricated in accordance with the requirements of UL and CUL Recognized Component & Fully Tested per UL 499.



Fiberglass Insulated Flexible Heating Elements

Flexible fiberglass heating elements (often referred to as "rope" heaters because of their flexibility and appearance) are fabricated by helically wrapping resistance wire around a core material. This cordage is then covered with one or two walls of braided fiberglass yarn.

"Rope" heating elements are ideal for counter-top appliances such as coffee brewers, slow cooker, buffet warmers and many industrial and commercial applications where long life, low cost flexible heating is required.

Flexible Heating Element Selection*

Insulation Type	Length	Max. Watts/Foot	Max. Temp.
Fiberglass	2" to 100'+	144	932°F (500°C)
PVC (moisture resistant)	12" to 100'+	2.4	221°F (105°C)
Silicone (moisture resistant)	12" to 100'+	8.4	392°F (200°C)
Premium Silicone	12" to 100'+	10.8	482°F (250°C)

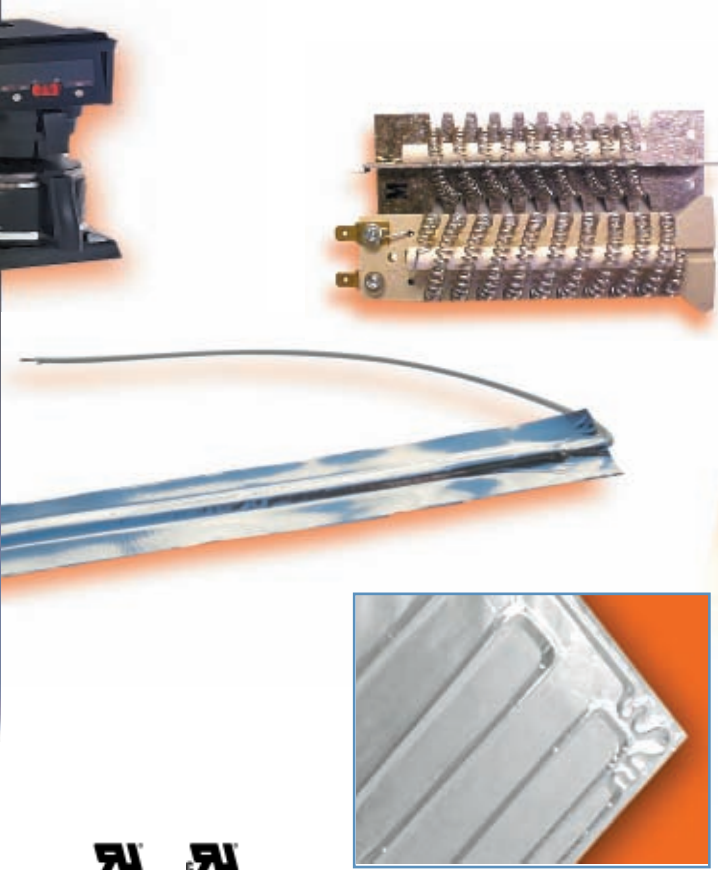
*These are typical values: consult factory for specific applications



Moisture-Resistant Flexible Heating Elements

If you require moisture resistance in low wattage flexible heaters, Jen-Ter PVC or silicone insulated heaters can provide the solutions. The core of these heaters resembles our high-temperature elements, but PVC or silicone insulation offers both moisture and heat resistance.

Heater length, watt density, insulation color, termination and voltage requirements can be controlled to meet your requirements.



Foil Laminated Heating Elements

(UL Recognized Component & Fully Tested Per UL 499)

In temperature ranges below 482°F (250°C), foil laminated flexible heating elements can eliminate expensive and complicated bracket mounting while providing a reliable heat source. These elements can be constructed as strip or blanket heaters.

Foil laminated heaters typically contain a flexible fiberglass heating element laminated between two sheets of foil coated with a liner-backed silicone or acrylic (302°F (150°C) max. temperature) adhesive. This adhesive is very aggressive and provides a strong initial bond, as well as a good ultimate bond. Because of the aluminum foil, these heaters provide very even and efficient heating.

Foil laminated heating elements are ideal and cost effective for food warmers, copy machines, medical warming devices and all types of relatively dry applications. They can be designed in a dual wattage or voltage configuration.

Moisture resistant Silicone Blanket heaters are available in temperature ranges below 482°F (250°C).

Open-Coil Heating Elements

Open-coil heating elements remain one of the most popular heating elements in use today. Whether utilizing nickel/chrome or iron based alloys, open-coil heating elements provide controllable electric heat in a variety of residential, commercial and industrial applications.

Jen-Ter Wire & Element Inc., can produce these heaters on ceramic or mica forms using AWG 12 to AWG 40 gauge wire. These elements typically contain one or more resistance coils, a thermostat and a thermal fuse. The complete assemblies can also contain voltage dropping coils to provide a low voltage source for PM motors.

Compact, economical open-coil elements are ideal for personal care appliances, small area heaters, hot air blowers and high temperature flameless heat guns.

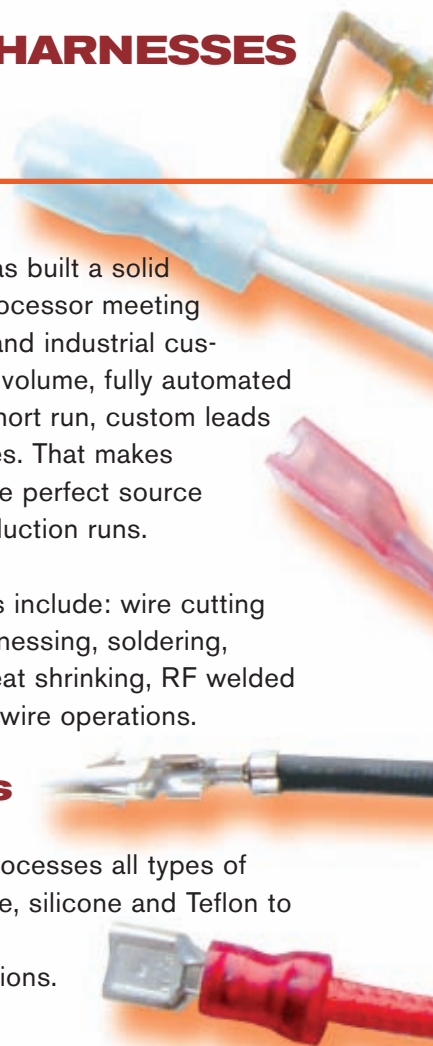
LEAD WIRES & HARNESSSES FOR PERFECT CONNECTIONS

Jen-Ter Wire & Element Inc. has built a solid reputation as a quality wire processor meeting the needs of our commercial and industrial customers. While we deliver high volume, fully automated production, we also provide short run, custom leads and harnesses in low quantities. That makes Jen-Ter Wire & Element Inc. the perfect source for both product trial and production runs.

Our manufacturing capabilities include: wire cutting and stripping, terminating, harnessing, soldering, welding, splicing, stripping, heat shrinking, RF welded post insulating and all related wire operations.

Lead Wire Styles

Jen-Ter Wire & Element Inc. processes all types of wire—from PVC, polypropylene, silicone and Teflon to mica insulated—we can meet your most demanding applications.



Lead Wire Sizes

Jen-Ter Wire & Element Inc. processes a full range of lead wire sizes, from 28 gauge hook-up wire to 2/0 battery cables. We also process coaxial cable and a variety of "hard to strip" products.

Complete Wiring Harnesses

In addition to processing single-conductor products, we design and fabricate complete wiring harnesses. These harnesses can be manufactured with a variety of single conductor leads or multi-conductor products, including SJO and SJT cordage. Jen-Ter Wire & Element Inc. can provide complete fabrication, assembly and testing of each harness so it is ready for efficient production-line installation.

Assemblies

Because of our experience in wire processing and harnessing, some of our customers have us provide them with complete control assemblies. Our operators are highly skilled in the manufacture and testing of a variety of custom assembled time, temperature and function controls.

Power Cords

For the convenience of our customers, Jen-Ter Wire & Element Inc. can supply power cords with virtually any plug configuration and end treatment.

Wire Terminals

Virtually any type of terminal can be incorporated in your wiring design. We are tooled to apply terminals from all major manufacturers including: Tyco (AMP®), Ark-Les®, ETCO®, Molex®, Packard®, T&B®, 3M®, and others. Our machine shop can also design and build custom tooling for your special terminal applications.

WHEN THE HEAT'S ON, JEN-TER WIRE & ELEMENT IS THERE.

At Jen-Ter Wire & Element Inc., we produce custom heating elements and wiring assemblies for home and commercial appliances, and industrial equipment. Millions of our heaters are used in products as diverse as coffeemakers, quartz tube heaters, bag sealers, ATM machines, fuel pumps, seating, radiant heaters, blood analyzers, and food warmers. If your product specs call for lead wires - from 105° C plastics to silicone or mica insulated - in almost any configuration and end treatment, contact us. We'll provide samples promptly and work with you to answer your requirements.

Jen-Ter Wire & Element ... recognized for high quality heating assemblies and reliable service.



JEN-TER WIRE & ELEMENT INC.

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