

## High Temperature Lead Wire Assemblies for Semiconductor, Medical and Other Markets

Watlow is now offering new 1500°F lead wire assemblies that can be attached to any device or heater equipped with #10 or smaller post terminals. These are ideal for high temperature environments. Other applications include vacuum and pressure situations for clean room and food equipment.

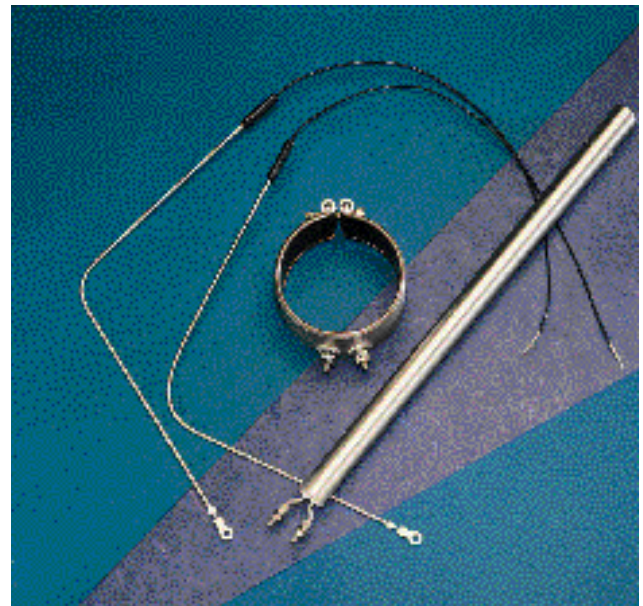
Watlow's high temperature lead wire assemblies can withstand continuous operating temperatures of 1500°F and features 304 stainless steel sheathing to protect it from the harshest of environments.

The metal sheathed section is terminated at one end with a #10 ring terminal, which is ideal for connection to post terminals on Watlow products such as FIREROD®, MI band, tubular, THINBAND® and radiant heaters. The other end transitions over to Teflon® insulated wire that has a 3/4 inch terminal strip.

Please consult your sales representative or Watlow for additional application information.

Teflon® is a registered trademark of the E.I. du Pont de Nemours & Company.

**Your Authorized Watlow Distributor Is:**



### Features

- High temperature capability, 1500°F
- 304 stainless steel sheath is standard
- Teflon® insulated flexible lead wire
- Plastic molded transition area over brazed connection is standard
- Variable lengths of both metal sheath and Teflon® insulated leads

### Benefits

- Rugged, corrosion resistant construction
- Can be used in both clean room and standard industrial environments
- Suitable for both vacuum and pressure applications
- Custom designs available
- Metal sheathed section can be formed by customer



#### Watlow St. Louis

A subsidiary of Watlow, Designer and Manufacturer of Industrial Heaters, Sensors and Controls  
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## Applications

### High Temperature

- Semiconductor processing
- Medical equipment
- Vacuum & pressure vessels
- Corrosive environments
- Food service equipment
- Clean room environments

## Options

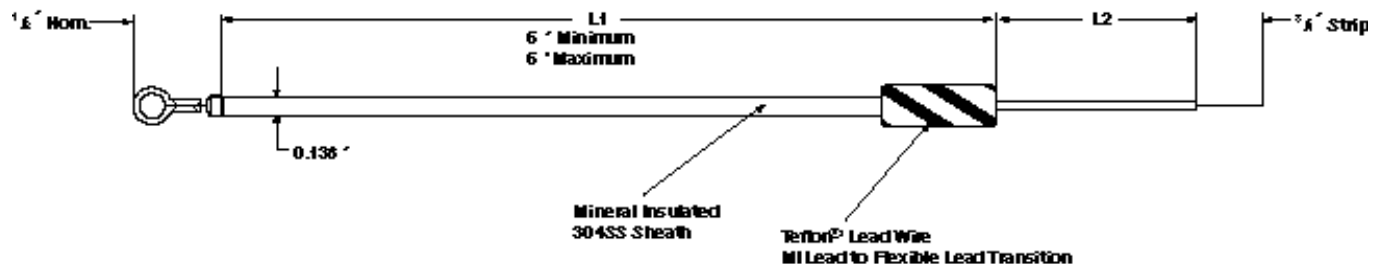
- Custom designs are available
- Alternate flexible lead wires are available
- Please consult your sales representative or Watlow for availability of custom design, non-standard options or for additional application information

## Ordering Information

- Specify L1 (length of metal sheathing) and L2 (length of Teflon® lead wire) when ordering
- Consult Watlow St.Louis FIREROD® department for ordering and pricing information.

## Specifications

MI Ø	Maximum Volts	Maximum Amps	Minimum Cable Length	Maximum Cable Length	Maximum Sheath Temperature	Maximum Transition Temperature	Flexible Leads	Terminal
0.138 inch	240	10	6 inch	6 feet	1500°F (816°C)	400°F (204°C)	18 Gauge Teflon®	#10 Ring



### Watlow Sales Engineers:

Atlanta/Greenville, (770)908-9164 • Austin, (512)249-1900 • Charlotte/Columbia, (704)847-4000 • Chicago, (847)490-3900  
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