

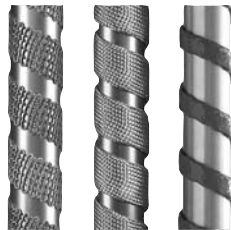
# HTS/Amptek

## Flexible Heaters for Laboratory, Pilot Plant, OEM, Semiconductor, and Industry...

HTS/Amptek® Company is an organization of flexible electric heating problem solvers. HTS/Amptek® offers over 20 years of experience in design, engineering and manufacturing of flexible electric heaters and controls to bring you the very best products and service available.



-----custom heating mantle



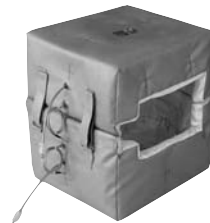
—select heating tapes



—bulk OEM element




—custom heating blanket



—shaped heating jacket

# Flexible Heater Designs... from 100°F to 1400°F, and Higher.



## Flexible, Industrial and Laboratory, Heating Tapes and Bulk OEM Heating Elements

Heating tapes provide the basic element for most HTS/Amptek® products. The unique knitted element is perfect for flexible electric surface heat to 1400°F.

### Standard Insulated Heating tapes

Duo-Tapes® and Mono-Tapes  
for use on Nonconductive Surfaces



HTS/Amptek® heating tapes are ideal for heating small diameter tubing, pipes, hoses, laboratory reactors, pumps and other system devices, where temperature maintenance or added heat flux is required. Large vessels may be efficiently heated using Heating Jackets and Blankets.

### Heavy Insulated Heating Tapes

Duo-Tapes® and Mono-Tapes  
for use on Conductive Surfaces



Laboratory and industrial heating tapes are available in standard sizes for non-conductive, conductive and moisture surface environments.

### Silicone Rubber Heating Tapes

Extruded Duo-Tapes® for use  
where moisture may be present.



Bulk Mono or Duo-Tape® element may be purchased for O.E.M. applications.

### Wide Heavy Heating Tapes

Heavy Blanket Construction,  
Multi-Path, use on Conductive Surfaces.



Fabric style heating tapes are suitable for maximum temperatures from 900°F to 1400°F. Silicone extruded tapes can operate to 450°F.

### Bulk Element

OEM Hose Heating, Bundle Tracing,  
Heated Composite Tools, etc.



# Rely on HTS/Amptek for Innovative Solutions to Surface Heating Problems.



## Custom Heating Jackets and Blankets for Efficient Process Heating

HTS/Amptek® can design a single heater or a complete system of Jackets, Blankets and temperature controls to solve complex heating tasks.

Heating Jackets are an elegant solution that can provide remarkably efficient heat, often requiring many KWs less than conventional metal tubular or strip heater designs. Jackets and Blankets are attractive, and are removable for ease of service to the pipe or vessel.

Heating Jackets and Blankets are ideal for heating of transfer lines. Materials such as high density polymer, bismuth and lead are commonly moved by pump or extruder through piping that cannot plug.

Vacuum bake out and exhaust piping temperature maintenance for industrial and semiconductor fabs are well suited to Jacket and Blanket systems. Other common applications are heat expansion of large parts, pre and post weld heat treating, heated in-line ovens and viscosity control.



### High Temperature Heating Jackets and Mantles

Custom designed, form fit, Insulated Heating Jackets for surface heat applications to 1400°F.



### High Temperature Heating Blankets

Custom designed small and large surface Heating Blankets to 1400°F



### Cable Jackets, Self Regulating or Constant Watt Heat-Traced

Self contained, form fit, Heating Blankets and Jackets for heat trace applications.



### Transfer Line Heating Jacket Systems

Uniform surface heat for plastics and molten metal transfer.



### Temperature Controls and Accessories

Bench top controllers and custom panels to regulate heat.

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heatingjackets.com  
heatingblankets.com  
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## **HTS/Amptek<sup>®</sup>, your trusted source for flexible heat solutions.**

We, at HTS/Amptek<sup>®</sup>, are a business of dedicated professionals that love what we do. Our goal is to provide prompt technical assistance and quality manufactured solutions. Customers benefit from our understanding of established heat transfer principles, our three decades of application and field experience and our unique knowledge of HTS/Amptek<sup>®</sup> proprietary test data.

The HTS/Amptek<sup>®</sup> product line is continually growing. We have an active research and development program to bring you new, innovative and improved products to make your work easier.

Our customers receive additional support and assistance in many trade areas from our knowledgeable force of Manufacturers' Representatives, and many Authorized Stocking Specialty Products Distributors.

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