

Heated Jackets & Blankets

Description:

HTS/Amptek® *Heavy Insulated Heating Blankets and Jackets* are flexible insulation covers with integrally installed heating elements. These units are custom designed for each application to provide optimum fit and efficient heat transfer.



- Convenient
- Efficient
- Low Maintenance
- Attractive

High Temperature Capability

Constructions:
From 450°F
Silicone to 1400°F
AMOX™

AMOX™ lined units may be operated to 1200° F, with exposures to 1400° F. Fiberglass cloth lined units may be operated to 900° F.

Multi-Strand, Serpentine, Knitted Heating Tape Element

High Temperature and Flexible:

All HTS/Amptek tape elements are bundled fine strand resistance wire, 36 to 40 gauge, covered with a minimum of two layers of braided AMOX™ yarn.

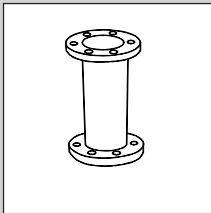
Out Performs 'Single Wire' or 'Served Core' type Elements

Longer Life, Better Heat Distribution & Most Rugged.

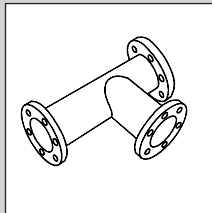
Unlike other heated jackets, **HTS/Amptek® tapes put more element length into a given area, providing longer life through better distribution of heat.** (lower watts per inch of heater element) High Temperature materials are inherently fragile. HTS/Amptek® knitted construction is the most rugged available.

TYPICAL CONFIGURATIONS

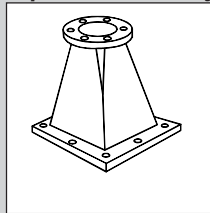
Pipes & Tubing



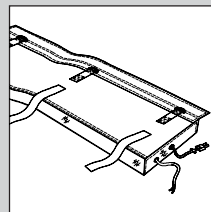
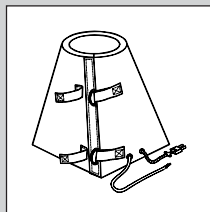
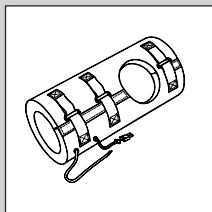
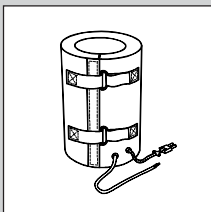
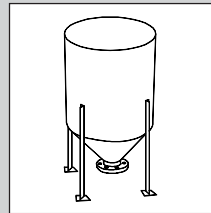
"Tees" & Valves



Special Geometry



Vessels



All Jackets and Blankets are custom and built to order.

- Tubular
- Conical
- Flat Rectangular
- Flat Round
- Box Rectangular
- Combination

With Special Features, such as:

- Cut-Outs
- Velcro Flaps
- Straps & D Ring
- Multi Zones
- Sensors
- Armored Leads

Applications:

- Lab Mantles
- Pilot Plant Jkts.
- Vacuum Bakeout

- Process Ovens
- In-line Ovens
- Cleanroom Htrs.
- Reactor Heating

- Composite Bonding and Repair
- Process Maint.
- Pipeline Heaters

- Sample Heaters
- Mold Pre-heating
- Platten Heating
- Extruder Lines

- Post Weld Treat
- Pre Weld heating
- Hopper Heating
- Viscosity Control

HTS/Amptek® Removable Custom Heating Blankets & Jackets

Contact Amptek for specific requirements...

- Shape Dimensions
- Insulation & Cover Materials
- Closure Methods
- Built in Thermocouples
- Heat Zones
- Lead Wire Configurations
- Watt Density
- Higher Energy Efficiency
- Clean Room Compatibility

Fiberglass, Amox™, Silica-Glass, Teflon®, Silicone and more:

Insulation materials are selected for each application according to performance and efficiency requirements. *No Asbestos* Covers may be Silicone or Teflon® coated for moisture and abrasion resistance.

Straps and 'D' Ring, Hook & Lacing, Velcro® Flaps & Eyelets:

Stainless Steel 'D' ring fittings are used with straps and velcro® flaps for most applications. Lacing hooks, buckles or eyelets and fabric ties, are some of the many options available.



To Order or Additional Information: Heating Blankets and Jackets designed for specific application. Contact your local HTS/Amptek Representative or Distributor or call us direct for order assistance.

Special Designs are Standard! Contact HTS/Amptek with your mechanical, electrical and thermal requirements. Insulation type and thickness, voltage (single or 3ph) and watt density are important variables.

Jacket & Blanket Special Features: High temperature features and accessories such as multiple heat zones, armored lead wire, multiple sensors, twist-lock power connectors and temperature controls are just a few.



www.heatingtapes.com

HTS/Amptek

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HTS/Amptek Company
P. O. Box 1381
Stafford, Texas 77497
Phone: (281) 340-9800
Fax: (281) 340-9811

