

Standard Insulated Heating Tape

Description:

HTS/Amptek Standard Insulated Heating Tapes are low watt density, high temperature electric heaters in tape form. They are very flexible and may be used on nonconductive surfaces such as glassware or ceramic. This product is not for use on metal.



High Temperature Capability

1400°F AMOX™ Yarn Insulation:

AWO style tapes may be operated to 1400°F, with de-energized exposures to 1600°F.

900° F Fiberglass Yarn Insulation:

AOO laboratory style tapes may be operated to 900° F, with de-energized exposures to 1000° F.

Low Watt Density Design

13 Watts/In²:

AWO AMOX™ laboratory style tapes are rated at 13 watts/in².

8.67 Watts/In²:

AOO Fiberglass laboratory style tapes are rated at 8.67 watts/in².

Knitted, Serpentine, Construction

Minimized Expansion, Vibration and Thermal Stress:

Unlike other straight element tapes, HTS/Amptek tapes are knitted into sine wave configurations. The element is cushioned and supported by knitted warp fabric as it expands evenly in all directions rather than one.

Longer Life:

Knitting puts more element length into a given area, providing longer life through better distribution of heat. (lower watts per inch of wire)

Flexible:

Knitting yields ultimate flexibility.

Multi-Strand Wire 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.

Lead Wires, High Temperature

2 Ft. Leads on Each End:

The multi-strand, 'A' Nickel conductor is covered with two layers of AMOX® yarn and impregnated with a high temperature binder.