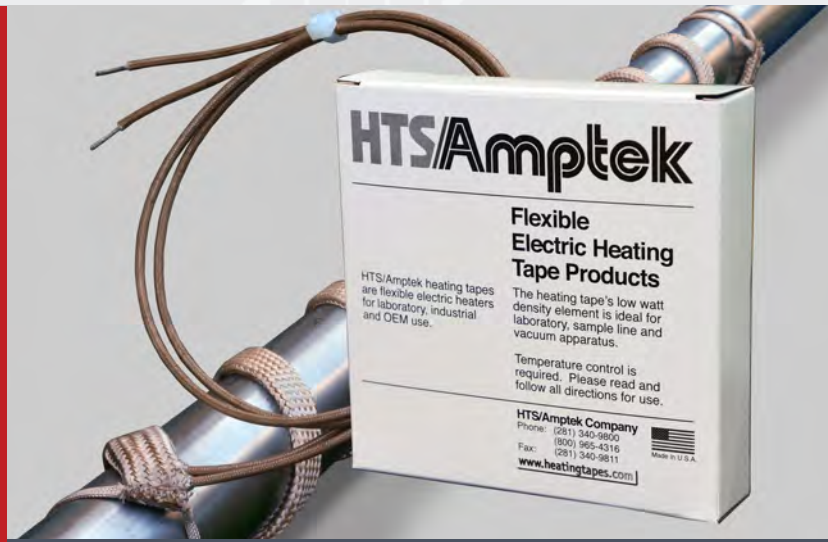


Duo-Tape® Heavy Insulated Heating Tapes

- Lead Wires on One End
- Heavy Braided AMOX™ Outer Cover
- 1400°F (760°C) High Temperature Capability
- Robust & Flexible Knitted Serpentine Element
- Off the Shelf, 13, 8.67 or 3.25 Watts/in² versions
- 120V or 240V 1PH, Two Wire Hook-Up

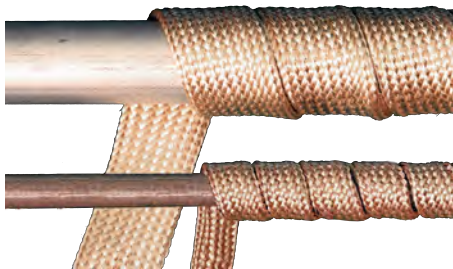


Duo-Tape® Flexible Heating Tapes are available in many standard sizes. Contact HTS/Amptek® and receive professional assistance for your application. Call 281.340.9800 USA central time. Email info@heatingtapes.com

Duo-Tapes® are offered in three different outputs per inch², high watt density at 13 WSI, medium watt density at 8.67 WSI and low watt density at 3.25 WSI. Other, special output heaters, may be special ordered.



The Duo-Tape® (dual element) Serpentine configuration. Lead Wires may conveniently exit from one end.



1" WIDE TAPES MAY BE WRAPPED ON DIAMETERS AS SMALL AS ¾"

½" WIDE TAPES MAY BE WRAPPED ON DIAMETERS AS SMALL AS ¼"

The heavy AMOX™ sleeving overbraid maintains flexibility while providing Dielectric and Abrasion protection.

Duo-Tape® leads are a standard 24" with no plug. An optional, Molded Plug, may be ordered on most 120V models. For 240V models, other commercially available plugs may be installed. Contact HTS/Amptek® to discuss a custom solution.



Duo-Tape® Knitted Serpentine Construction:

Element construction begins with two conductors knitted side by side to form the flat serpentine tape configuration.

- **Reduced Vibration and Thermal Stress**
Unlike straight element types, HTS/Amptek® sine wave, knitted warp fabric, cushions and supports the element as it expands in all directions rather than one.
- **Longer Life, Lower Watt Density**
Knitting puts more element into a given area, enhancing longer life through better distribution of heat. (lower watts per inch of wire)
- **Very Flexible**
Knitting yields ultimate flexibility. ½" wide tapes may be easily applied to diameters as small as ¼".

Ni-Chrome Element Formula:

Multi-Strand bundled resistance wire design for ohm stability and durable flexibility... from ambient to high temperature.

Heavy Braided AMOX™ Outer Slewing:

The added outer cover provides dielectric and abrasion protection. Heavy Duo-Tapes® may be used on conductive surfaces such as metal tubing.

Manufactured in the USA... Quick Response to Custom Requests:

All HTS/Amptek® Tapes are proudly manufactured in Texas, USA. Special Designs such as custom length, width, watts, volts and lead length may be ordered with minimum turn around time. Add a Sensor, or consider using a Heating Jacket for ease of install and removal.

Visit us on the web for product information, or place a store order. Or, call with questions... we have answers!

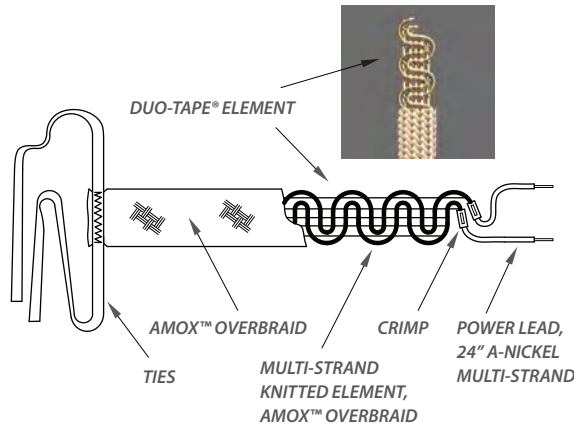


HTS/Amptek® Company
info@heatingtapes.com
 800.965.4316
 011.281.340.9800

Duo-Tape® Heavy Insulated Heating Tapes

heatingtapes.com

Duo-Tape® Assembly Features



Knitted Duo-Tape® Heating Element:

Element construction starts with two layers of braided AMOX™ yarn over fine stranded resistance wires to form the element conductor. Then, two conductors are knitted side by side into the serpentine flat tape configuration. The final installation of braided AMOX™ gives additional dielectric strength and durability. Fiberglass ties are stitched on each end for attaching convenience.

Standard Sizes, Voltages and Watt-Densities:

Duo-Tapes® are available in many off-the-shelf configurations. Please see below.

Custom Sizes, Voltages and Watt-Densities:

Custom lengths, watts, volts or lead wires may be special ordered for quick turn around.

Power Leads on one end:

Standard length is 24". Custom lengths may be special ordered.

Lorem ipsum

| DIMENSIONS | | DUOTAPE® HIGH DENSITY 13 WSI | | | DUOTAPE® MEDIUM DENSITY 8.67 WSI | | | DUOTAPE® LOW DENSITY 3.25 WSI | | |
|------------|-----------|------------------------------|--------------|-------|----------------------------------|---------------|-------|-------------------------------|---------------|-------|
| SIZE (US) | SIZE (CM) | MODEL 120V | MODEL 240V | WATTS | MODEL 120V | MODEL 240V | WATTS | MODEL 120V | MODEL 240V | WATTS |
| .5" X 2' | 1.3 X 060 | AWH-051-020D | AWH-052-020D | 156 | AWH-051-020DM | AWH-052-020DM | 104 | AWH-051-020DL | AWH-052-020DL | 39 |
| .5" X 4' | 1.3 X 120 | AWH-051-040D | AWH-052-040D | 312 | AWH-051-040DM | AWH-052-040DM | 208 | AWH-051-040DL | AWH-052-040DL | 78 |
| .5" X 6' | 1.3 X 180 | AWH-051-060D | AWH-052-060D | 468 | AWH-051-060DM | AWH-052-060DM | 312 | AWH-051-060DL | AWH-052-060DL | 117 |
| .5" X 8' | 1.3 X 240 | AWH-051-080D | AWH-052-080D | 624 | AWH-051-080DM | AWH-052-080DM | 416 | AWH-051-080DL | AWH-052-080DL | 156 |
| .5" X 10' | 1.3 X 300 | | AWH-052-100D | 780 | AWH-051-100DM | AWH-052-100DM | 520 | AWH-051-100DL | AWH-052-100DL | 195 |
| .5" X 12' | 1.3 X 360 | | AWH-052-120D | 936 | | AWH-052-120DM | 624 | AWH-051-120DL | AWH-052-120DL | 234 |
| .5" X 16' | 1.3 X 480 | | AWH-052-160D | 1248 | | AWH-052-160DM | 832 | AWH-051-160DL | AWH-052-160DL | 312 |
| 1" X 2' | 2.5 X 060 | AWH-101-020D | AWH-102-020D | 312 | AWH-101-020DM | AWH-102-020DM | 208 | AWH-101-020DL | AWH-102-020DL | 78 |
| 1" X 4' | 2.5 X 120 | AWH-101-040D | AWH-102-040D | 624 | AWH-101-040DM | AWH-102-040DM | 416 | AWH-101-040DL | AWH-102-040DL | 156 |
| 1" X 6' | 2.5 X 180 | | AWH-102-060D | 936 | | AWH-102-060DM | 624 | AWH-101-060DL | AWH-102-060DL | 234 |
| 1" X 8' | 2.5 X 240 | | AWH-102-080D | 1248 | | AWH-102-080DM | 832 | AWH-101-080DL | AWH-102-080DL | 312 |
| 1" X 10' | 2.5 X 300 | | | | | AWH-102-100DM | 1040 | | AWH-102-100DL | 385 |
| 1" X 12' | 2.5 X 360 | | | | | | | | AWH-102-120DL | 468 |
| 1" X 16' | 2.5 X 480 | | | | | | | | AWH-102-160DL | 624 |



EASY AND ACCURATE
"WM" WALL MOUNT
OR "BT" BENCH TOP
CONTROLLERS



LOW COST LCZ
ADJUSTABLE RHEOSTAT
TYPE SWITCHES

HTS/Amptek® heating Tapes must be controlled:

Laboratory style heaters are "constant watt" and must be regulated to achieve your target temperature without overheating. The simple, low-cost LCZ series may be used for manual, rheostat switching to reduce or increase output. For better precise control, see our BT (bench-top) and WM (wall-mount) Thermocouple or RTD sensor consoles.

Contact HTS/Amptek®, or your representative, for a custom Duo-Tape® or Controller...

To Order or Additional information:

Visit our store on the web. Or, call 281.340.9800 USA central time. Email info@heatingtapes.com



HTS/Amptek® Company

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