



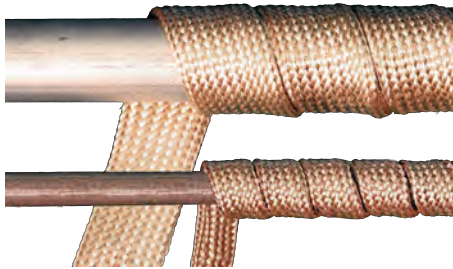
Duo-Tape® Heavy Insulated Heating Tapes

- 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-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 3/4".

1/2" WIDE TAPES MAY BE WRAPPED ON DIAMETERS AS SMALL AS 1/4".

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.



Duo-Tape® Flexible Heating Tapes are available in many standard sizes.

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. 1/2" wide tapes may be easily applied to diameters as small as 1/4".

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 Sleaving:

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, or consider using a Heating Jacket for ease of install and removal.

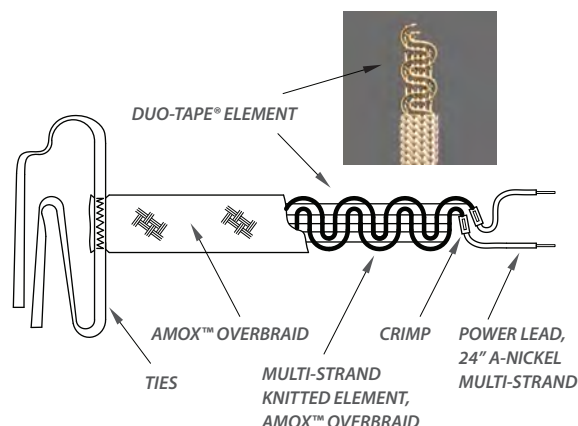
Visit us on the web for product information, or place a store order. Or, call with questions... we have answers!



Duo-Tape®

Heavy Insulated Heating Tapes

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.

DIMENSIONS	
SIZE (US)	SIZE (CM)
.5" X 2'	1.3 X 060
.5" X 4'	1.3 X 120
.5" X 6'	1.3 X 180
.5" X 8'	1.3 X 240
.5" X 10'	1.3 X 300
.5" X 12'	1.3 X 360
.5" X 16'	1.3 X 480
1" X 2'	2.5 X 060
1" X 4'	2.5 X 120
1" X 6'	2.5 X 180
1" X 8'	2.5 X 240
1" X 10'	2.5 X 300
1" X 12'	2.5 X 360
1" X 16'	2.5 X 480

DUOTAPE® HIGH DENSITY 13 WSI		
MODEL 120V	MODEL 240V	WATTS
AWH-051-020D	AWH-052-020D	156
AWH-051-040D	AWH-052-040D	312
AWH-051-060D	AWH-052-060D	468
AWH-051-080D	AWH-052-080D	624
	AWH-052-100D	780
	AWH-052-120D	936
	AWH-052-160D	1248
AWH-101-020D	AWH-102-020D	312
AWH-101-040D	AWH-102-040D	624
	AWH-102-060D	936
	AWH-102-080D	1248

DUOTAPE® MEDIUM DENSITY 8.67 WSI		
MODEL 120V	MODEL 240V	WATTS
AWH-051-020DM	AWH-052-020DM	104
AWH-051-040DM	AWH-052-040DM	208
AWH-051-060DM	AWH-052-060DM	312
AWH-051-080DM	AWH-052-080DM	416
AWH-051-100DM	AWH-052-100DM	520
	AWH-052-120DM	624
	AWH-052-160DM	832
AWH-101-020DM	AWH-102-020DM	208
AWH-101-040DM	AWH-102-040DM	416
	AWH-102-060DM	624
	AWH-102-080DM	832
	AWH-102-100DM	1040

DUOTAPE® LOW DENSITY 3.25 WSI		
MODEL 120V	MODEL 240V	WATTS
AWH-051-020DL	AWH-052-020DL	39
AWH-051-040DL	AWH-052-040DL	78
AWH-051-060DL	AWH-052-060DL	117
AWH-051-080DL	AWH-052-080DL	156
AWH-051-100DL	AWH-052-100DL	195
AWH-051-120DL	AWH-052-120DL	234
AWH-051-160DL	AWH-052-160DL	312
AWH-101-020DL	AWH-102-020DL	78
AWH-101-040DL	AWH-102-040DL	156
AWH-101-060DL	AWH-102-060DL	234
AWH-101-080DL	AWH-102-080DL	312
	AWH-102-100DL	385
	AWH-102-120DL	468
	AWH-102-160DL	624



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.