AWD & AWM Industrial Duo-Tape®

- Sleeved, 48” Lead Wires with Lug Terminals
- AWD = Leads one end   AWM = Leads each end
- Heavy Braided AMOX™ Outer Cover
- 1200°F (649°C) High Temperature Capability
- 8.67 Watts/in² (1.34 Watts/cm²) medium density
- Extra Long Lengths to 52ft (15.85m)
- 120V or 240V 1PH, Two Wire Hook-Up

Industrial Duo-Tape® models are available from stock, or active production. The long lengths and the medium watt density are best suited for industrial and process applications.

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

The Heavy AMOX™ fabric overbraid provides dielectric strength and the ultimate temperature sustainability available for any flexible, electric heater product.

Knitted Serpentine Construction:
Element construction begins with knitting the stranded conductor to form the flat Duo-Tape® 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 1200°F (649°C) AMOX™ Outer Sleevings:
The added outer cover provides dielectric and abrasion protection. Heavy Industrial Duo-Tapes® may be used on conductive surfaces such as metal tubing. Max exposure to 1400°, de-energized.

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!
AWD & AWM Industrial Duo-Tape® Heavy

Industrial 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:
Industrial Duo-Tapes® are available in many off-the-shelf configurations. AWD tapes have lead wires on one end while AWM tapes are on each end. All leads are sleeved, 48" long with heat-shrink and Ring Lug terminations. 120V or 240V/1ph are standard. The heat output is 8.67 watts/in² (1.32 watts/cm²) which is considered a “medium” density.

Custom Sizes, Voltages and Watt-Densities:
Quick turn around is available for custom voltages, such to 480V/1ph, or specific lengths, watts, or load configurations. Contact HTS/Amptek®.

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<th>CONFIGURATION DIMENSIONS</th>
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Contact HTS/Amptek®, or your representative, for a custom Duo-Tape® or Control Solution...

To Order or Additional Information:
Visit our store on the web. Or, call 281.340.9800 USA central time. Email info@heatingtapes.com

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info@heatingtapes.com
800.965.4316
011.281.340.9800

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