

Industrial, Heavy Insulated Mono-Tape™ and Duo-Tape®

Description:

HTS/Amptek AWD and AWM Heating Tapes are Single and Double Duo-Tapes® designed for use in high temperature applications. AWD and AWM Heating Tapes are ideal for Industrial Applications where temperature requirements are beyond the capabilities of elastomer insulated cables and tapes.



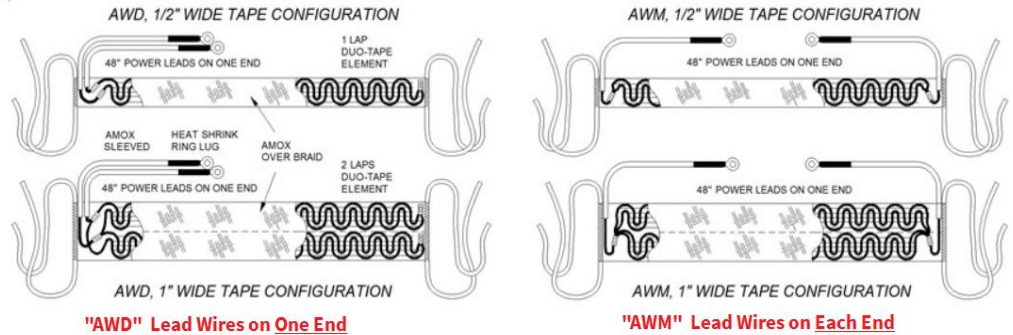
High Temperature Capability	1200°F AMOX™ Yarn Insulation	Heating tapes may be operated to 1200°F (650°C), with de-energized exposures to 1400°F (760°C).
High Watt Density Design	8.67 Watts/ Inch ²	Industrial style heating at 120 or 240 Volts.
Power Leads on One End	Duo-Tape® Design	A unique, dual element circuit design allows the lead wires to exit from one end of the tape.
Knitted, Serpentine Construction	Minimized Expansion, Vibration and Thermal Stress	HTS/Amptek heating tapes are knitted into a sine wave configuration. The element is cushioned and supported by knitted warp fabric as it expands evenly in all directions.
	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).
	Flexibility	Knitting yields maximum flexibility.
Multi-Strand Wire Element	High Temperature and Flexible	All HTS/Amptek tape elements are bundled, fine strand, resistance wire, covered with a minimum of two layers of braided AMOX™ yarn.
Heavy Braided Outer Cover	Heavy AMOX™ Yarn	The heavy braided outer cover provides added abrasion and dielectric protection for the element. Duo-Tapes® are designed for use on conductive as well as non-conductive surfaces.
High Temperature Lead Wires	48 inch (1.2M) Leads on One End	The multiple strand, nickel alloy conductor is covered with two layers of braided AMOX™ yarn, impregnated with a high temperature binder and protected by HO sleeving.

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Heating Tape Basic Construction:

HTS/Amptek® tape construction begins by double braiding high temperature AMOX™ yarn over multiple strands of fine resistance wire, then knitting the assembly into a tight, serpentine configuration, forming a flat, flexible tape.

Duo-Tape® Heavy Insulated Tapes feature the element construction of Mono-Tapes™, except they incorporate two elements knitted side by side. This arrangement allows the two elements to be connected in series at one end of the tape and the power leads to exit the other. The tape element is covered by an AMOX™, braided outer jacket.



1/2" Wide Industrial AWD or AWM Tapes These standard sizes are available from stock or short turn around. Special Configurations are available:	LENGTH	WATTS	120V MODEL NO.	AMPS	240V MODEL NO.	AMPS
	<ul style="list-style-type: none"> • Specific tape lengths • Specific wattage or voltage • Specific length power leads • Addition of power connector • Addition of temperature sensor 	04 ft (1.2m)	208	AWD-051-040	1.7	AWD-052-040
	06 ft (1.8m)	312	AWD-051-060	2.6	AWD-052-060	1.3
	08 ft (2.4m)	416	AWD-051-080	3.5	AWD-052-080	1.7
	10ft (3.0m)	520	AWD-051-100	4.3	AWD-052-100	2.2
	12ft (3.6m)	624	AWM-051-120*	5.2	AWD-052-120	2.6
	16ft (4.8m)	832	AWM-051-160*	6.9	AWD-052-160	3.5
	20ft (6.0m)	1040	AWM-051-200*	8.7	AWD-052-200	4.3
	24ft (7.2m)	1248			AWM-052-240*	5.2
	32ft (9.6m)	1664			AWM-052-320*	6.9
*NOTE: Lead Wires on these tapes are on EACH end, not on one end.						
NOTE: 240V tapes may be operated on 208 to 277 volts						
1" Wide Industrial AWD or AWM Tapes These standard sizes are available from stock or short turn around. Special Configurations are available:	LENGTH	WATTS	120V MODEL NO.	AMPS	240V MODEL NO.	AMPS
<ul style="list-style-type: none"> • Specific tape lengths • Specific wattage or voltage • Specific length power leads • Addition of power connector • Addition of temperature sensor 	04 ft (1.2m)	416	AWD-551-040	3.5	AWD-552-040	1.7
	06 ft (1.8m)	624	AWD-551-060	5.2	AWD-552-060	2.6
	08 ft (2.4m)	832	AWD-551-080	6.9	AWD-552-080	3.5
	10ft (3.0m)	1040	AWD-551-100	8.7	AWD-552-100	4.3
	12ft (3.6m)	1248	AWM-551-120*	10.4	AWD-552-120	5.2
	16ft (4.8m)	1664	AWM-551-160*	13.9	AWD-552-160	6.9
	20ft (6.0m)	2080	AWM-551-200*	17.3	AWD-552-200	8.7
	24ft (7.2m)	2496			AWM-552-240*	10.4
	32ft (9.6m)	3328			AWM-552-320*	13.9
*NOTE: Lead Wires on these tapes are on EACH end, not on one end.						
NOTE: 240V tapes may be operated on 208 to 277 volts						