

Industrial, Silicone Rubber Duo-Tape®

Description:

HTS/Amptek SRD, Silicone Rubber Extruded Duo-Tapes® are ideal for industrial applications that require continuous heat for process temperature maintenance. SRD Tapes can be employed where temperature requirements are beyond the capabilities of elastomer insulated cables and tapes. SRD Duo-Tapes® have a constant output of 15 watts per foot in 1/2" wide, and 30 watts per foot in 1" wide configuration.



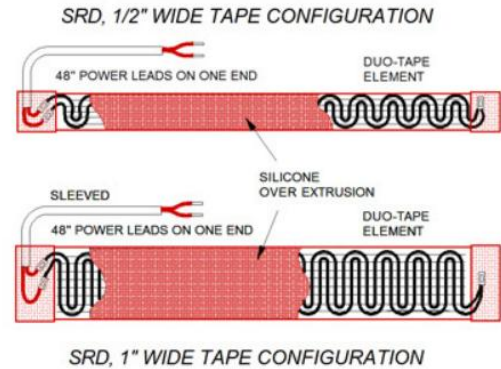
High Temperature Capability	450°F Continuous Silicone Rubber Extrusion	Heating tapes may be operated to 450°F (232°C), with exposure temperatures to 482°F (250°C).
Medium Watt Density Design	2.5 Watts/ Inch ²	Industrial style heating at 120 or 240 Volts.
Power Leads on One End	Duo-Tape® Design	A unique, 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.
Rugged Outer Cover	Rubber Extrusion	The heavy silicone rubber extruded outer cover provides abrasion and dielectric protection for the element. Duo-Tapes® are designed for use in applications where moisture, chemical and abrasion resistance is required.
High Temperature Lead Wires	48 inch (1.2M) Leads on One End	The multiple strand conductors are covered with 600 volt silicone rubber insulation and protected by HO sleeving.

Industrial, Silicone Rubber Duo-Tape®

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 other tapes, except it incorporates two elements knitted side by side. This improved 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 a silicone rubber outer jacket.



1/2" Wide Industrial SRD Tapes		LENGTH	WATTS	120V MODEL NO.	AMPS	240V MODEL NO.	AMPS
These standard sizes are available from stock or short turn around. Special Configurations are available: <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 		06 ft (1.8m)	90	SRD-051-060	0.8	SRD-052-060	0.4
		08 ft (2.4m)	120	SRD-051-080	1	SRD-052-080	0.5
		10ft (3.0m)	150	SRD-051-100	1.3	SRD-052-100	0.6
		12ft (3.6m)	180	SRD-051-120	1.5	SRD-052-120	0.8
		16ft (4.8m)	240	SRD-051-160	2	SRD-052-160	1
		20ft (6.0m)	300	SRD-051-200	2.5	SRD-052-200	1.3
		24ft (7.2m)	360	SRD-051-240	3	SRD-052-240	1.5
		32ft (9.6m)	480	SRD-051-320	4	SRD-052-320	2
		42ft (15.6m)	630	SRD-051-420	5.3	SRD-052-420	2.6
		52ft (21.6m)	780	SRD-051-520	6.5	SRD-052-520	3.3
NOTE: 240V tapes may be operated on 208 (75% lower output) to 277 (133% higher output) volts							
1" Wide Industrial SRD Tapes		LENGTH	WATTS	120V MODEL NO.	AMPS	240V MODEL NO.	AMPS
These standard sizes are available from stock or short turn around. Special Configurations are available: <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 		06 ft (1.8m)	180	SRD-101-060	1.6	SRD-102-060	0.8
		08 ft (2.4m)	240	SRD-101-080	2	SRD-102-080	1
		10ft (3.0m)	300	SRD-101-100	2.5	SRD-102-100	1.3
		12ft (3.6m)	360	SRD-101-120	3	SRD-102-120	1.5
		16ft (4.8m)	480	SRD-101-160	4	SRD-102-160	2
		20ft (6.0m)	600	SRD-101-200	5	SRD-102-200	2.5
		24ft (7.2m)	720	SRD-101-240	6	SRD-102-240	3
		32ft (9.6m)	960			SRD-102-320	4
		42ft (15.6m)	1260			SRD-102-420	5.3
		52ft (21.6m)	1560			SRD-102-520	6.5
NOTE: 240V tapes may be operated on 208 (75% lower output) to 277 (133% higher output) volts							

HTS/Amptek Company
 P.O. Box 1381
 Stafford, TX 77497 USA
 Phone: 281.340.9800
 Fax: 281.340.9811

