

Duo-Tape® Silicone Extruded Heating Tape

Description:

HTS/Amptek® ASR style silicone extruded heaters are high temperature, flexible electric heating elements. The unique dual element design allows the convenience of power leads on one end.



Temperature Capability	400°F ASR Construction:	ASR style heating tapes may be operated to 400°F, with de-energized exposures to 500°F.
Low Watt Density, Standard Design	4.3 Watts/Inch²	Duo-Tape® laboratory style silicone extruded heating tapes are offered in 4.3 WSI watt density.
Power Leads on One End	Duo-Tape®	The unique, dual element circuit design allows the standard 2 foot leadwires to exit from one end. (see picture above)
Knitted, Serpentine, Construction	Minimized Expansion, Vibration and Thermal Stress:	Unlike other straight element tapes, HTS/Amptek® tapes are knitted into sine wave configurations. The element is cushioned and supported by knitted warp fabric as it expands evenly in all directions rather than one.
	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)
	Flexible:	Knitting yields ultimate flexibility.
Multi-Strand Wire Element	High Temperature and Flexible:	All HTS/Amptek® tape elements are bundled fine strand resistance wire, 36 to 40 gauge, covered with a minimum of two layers of braided AMOX™ yarn.
Silicone Extruded Outer Cover	ASR Extrusion:	The heavy silicone extruded outer cover provides abrasion and dielectric protection for the element. Duo-Tapes® may be used on conductive surfaces, and in applications where moisture, chemical and abrasion resistance is required.
Lead Wires, High Temperature	2 Ft. Leads on One End:	18 AWG high temperature, multiple stranded, 600 volt silicone rubber insulated leads on the same end with molded one piece plug.