

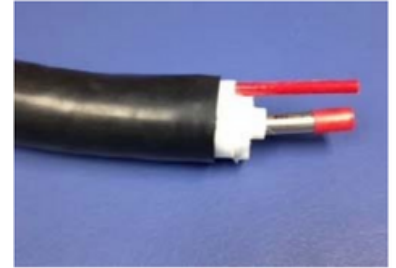
ELECTRIC TRACED SR PRODUCT CATALOG



ITEM NUMBER: HTS-1T-MXR15-230307






CONSTRUCTION

1. (1) 1/2" O.D. x .065" Wall Type 316/316L ASTM A269 Seamless Stainless Steel Process Tube (Heated)
2. 15 Watts/Ft 120 VAC High Temperature Self Regulating Heater (Customer supplied 2315-11T00)
3. Aluminum Mylar Thermal Barrier
4. Non-Hygroscopic Inorganic Fibrous Glass Thermal Insulation
5. 125°C FR-TPE (Flame Retardant Thermoplastic Elastomer) Jacket



*** MTR 1100°F ***

Line marking text: HTS-1T-MXR15-11T-230307

MECHANICAL SPECIFICATIONS										
	Nominal OD		Min. Bending Radius		Working Pressure ¹		Max. Continuous Length		Weight	
	Inches	Millimeter	Inches	Centimeter	PSI	Barg	Foot	Meter	Lbs/FT	Kgs/Me
	3.2	81.3	25	63.5	3250	224	250	76	1.05	1.56

¹ Working Pressure based on the MTR of this item in relation to the tables ASME B31.1-2001 and ASME B31.3-2001.

DESCRIPTION

HTS Self-Regulating Electric Traced Tubing is a thermally insulated fluid transport line for use in applications requiring freeze protection or condensation prevention. The energy-efficient design provides a temperature maintenance of up to 250°F (121°C). Available in 120/240 VAC. The Self-Regulating heating element is approved by FM, CSA & ATEX.



**For representation only

Features:

- Compact Design
- Low heat loss
- Low-maintenance
- Employee protection
- Easy to install
- Light, durable, easy to handle
- Consistent thermal characteristics



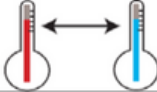
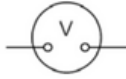
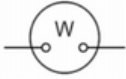


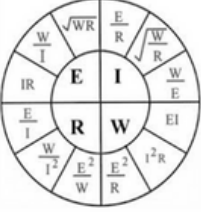
Application:

- Process Analyzers
- Stack Gas sampling
- Gas transport lines
- Liquid transport lines
- Analyzer and instrument lines
- Small diameter process lines
- Impulse lines — D/P cells

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TEMPERATURE SPECIFICATIONS	 Max Temp. Rating ¹ :	 Minimum Install. Temp ² :	Design Temp. Maintenance			Low Ambient Temp.			
	°F °C	°F °C	°F °C	°F °C		°F °C	°F °C		
	1100 593	-50 -45	40 4			-15 -26			
¹ Maximum Temperature Rating indicates the maximum temperature that the core of the bundle can withstand at the high ambient temperature of 80°F(26°C). Temperatures in excess of this rating may result in deterioration of the components. It does not represent maintenance temperature or rating of components distant from the core.			² Minimum Installation Temperature relates to the brittleness of this item's jacket material, during installation.						
			<div style="display: flex; justify-content: space-around;"> Low High </div>						
			PVC		-25°F/-31°C		221°F/105°C		
			DSJM		-31°F/-35°C		221°F/105°C		
			TPU		-45°F/-43°C		212°F/100°C		
			TPE		-50°F/-45°C		257°F/125°C		
			PE		-76°F/-60°C		158°F/70°C		
ELECTRICAL SPECIFICATIONS	 Voltage	 Wattage Per		 Max Circuit Length		 Breaker Amps			
		Foot	Meter	Foot	Meter				
	120	15	49	0	0		30.00		
		<p>General Info</p> <p>L = Length W = Watts I = Amps E = Volts</p> <p>Power Adjustment Factors</p> <p>(Actual E²/Heater E²)*Heater W = Actual W e.g. (220V²/240V²)*18w/ft=15w/ft</p> <p>Total Wattage</p> <p>L*W= Total Wattage e.g. 100ft*18w/ft=1800 total wattage</p>							