

ELECTRIC TRACED SR PRODUCT CATALOG



ITEM NUMBER: HTS-1T-MXR05-230313






CONSTRUCTION

1. (1) 1/2" O.D. x .049" Wall Type 316/316L ASTM A269 Seamless Stainless Steel Process Tube (Heated)
- 2.5 Watts/Ft 120 VAC High Temperature Self Regulating Heater (Customer supplied 2305-11T00)
3. Aluminum Mylar Thermal Barrier
4. Non-Hygroscopic Inorganic Fibrous Glass Thermal Insulation
5. 105°C FR-DSJM (Flame Retardant Ultra Flexible PCV) Jacket



*** MTR 250°F ***

Line marking text: HTS-1T-MXR05-11T-230313

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
	1.6	40.6	11	27.9	3552	245	900	274	0.70	1.04

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



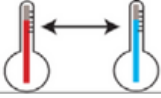




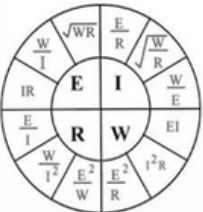
Application:

- 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 : °F °C	 Minimum Install. Temp ² : °F °C	Design Temp. Maintenance °F °C		Low Ambient Temp. °F °C																		
	250 121	-31 -35	40 4	----- ----- -----	-40 -40																		
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.																				
			<table border="0"> <thead> <tr> <th></th> <th>Low</th> <th>High</th> </tr> </thead> <tbody> <tr> <td>PVC</td> <td>-25°F/-31°C</td> <td>221°F/105°C</td> </tr> <tr> <td>DSJM</td> <td>-31°F/-35°C</td> <td>221°F/105°C</td> </tr> <tr> <td>TPU</td> <td>-45°F/-43°C</td> <td>212°F/100°C</td> </tr> <tr> <td>TPE</td> <td>-50°F/-45°C</td> <td>257°F/125°C</td> </tr> <tr> <td>PE</td> <td>-76°F/-60°C</td> <td>158°F/70°C</td> </tr> </tbody> </table>				Low	High	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
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ELECTRICAL SPECIFICATIONS	 Voltage	 Wattage Per Foot Meter		 Max Circuit Length Foot Meter	 Breaker Amps																		
	120	5	16	0 0	30.00																		
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  <p>General Info</p> <p>L = Length W= Watts I = Amps E = Volts</p> </div> <div> <p>Power Adjustment Factors (Actual E²/Heater E²)*Heater W = Actual W e.g. (220V²/240V²)*18w/ft=15w/ft</p> <p>Total Wattage L*W= Total Wattage e.g. 100ft*18w/ft=1800 total wattage</p> </div> </div>																							