

ELECTRIC TRACED SR TUBE BUNDLE

ITEM NUMBER: HTS-2T-MXR10-230625








CONSTRUCTION

1. (2) 1/2" O.D. x .065" Wall Type 316/316L ASTM A269 Seamless Stainless Steel Process Tube (Heated)
2. 10 Watts/Ft 120 VAC High Temperature Self Regulating Heater (Customer supplied HTS-MXR10-11T0)
3. Aluminum Mylar Thermal Barrier
4. Non-Hygroscopic Inorganic Fibrous Glass Thermal Insulation
5. 105°C FR-TPE (Flame Retardant Thermoplastic Elastomer) Jacket



*** MTR 400°F ***

Line marking text: HTS-2T-MXR10-11T-230625

| 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 |
| | 1.9 | 48.3 | 13.3 | 33.8 | 3296 | 227 | 1000 | 305 | 1.07 | 1.59 |

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

ELECTRIC TRACED SR TUBE BUNDLE

ITEM NUMBER: HTS-2T-MXR10-230625



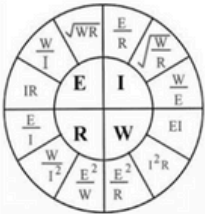
| | | | | | |
|-----------------------------------|---|--|---|--|---|
| TEMPERATURE SPECIFICATIONS | | | Design Temp. Maintenance °F °C 40 4 | | Low Ambient Temp. °F °C 0 -18 |
| | Max Temp. Rating ¹ : °F °C 400 204 | Minimum Install. Temp ² : °F °C -31 -35 | | | |

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.

| | 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 |

| | | | | |
|----------------------------------|---------|--------------------------------|---------------------------------------|--------------|
| ELECTRICAL SPECIFICATIONS | | | | |
| | Voltage | Wattage Per Foot Meter | Max Circuit Length Foot Meter | Breaker Amps |
| | 120 | 10 33 | 0 0 | 30.00 |



General Info

L = Length
W = Watts
I = Amps
E = Volts

Power Adjustment Factors

(Actual E²/Heater E²)*Heater W = Actual W
e.g. (220V²/240V²)*18w/ft=15w/ft

Total Wattage

L*W= Total Wattage
e.g. 100ft*18w/ft=1800 total wattage