

TUBETRACE® TYPE SI/MI - SP/MP- TUBING

TUBETRACE® TYPE SI/MI

“Light” Steam Traced Instrument Tubing

APPLICATION

Freeze Protection or Process Temperature Maintenance Tube Temperature Range: 5°C to 121°C. TubeTrace Type SI and MI is designed to provide freeze protection or temperature maintenance for metallic and non-metallic tubing with “light” steam trace. TubeTrace Type SI and MI are suitable for use with process analyzers, emissions analyzers, and impulse lines to flow or pressure transmitters where steam or hot liquid is the preferred heating media.

TubeTrace Type SI and MI “light” steam trace is a metallic tracer tube that is isolated from direct contact with the process tube(s). The tracer tube and process tube(s) benefit from consistent heat transfer and performance along the entire length of the bundle.

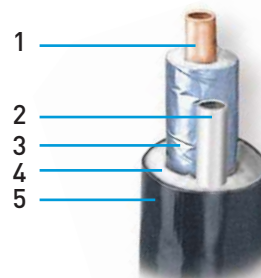
Unlike field fabricated and insulated tubing, TubeTrace engineered pre-insulated tubing provides superior weather proofing and long term reliability.

CONSTRUCTION

- 1 Process tube(s)
- 2 Trace tube (isolated from process tube(s))
- 3 Heat Reflective Tape
- 4 Non-Hygroscopic glass fiber insulation
- 5 Polymer outer jacket

PRODUCT FEATURES

- Consistent heat tracing and thermal performance
- Superior weather proofing
- Long coils minimize waste



RATINGS/SPECIFICATIONS

SI and MI “Light” Trace	Ratings
Available tracer tube diameters	1/4”, 3/8”, 1/2”, 6, 10, 12 mm
Available tracer tube materials	Copper and Stainless Steel
Typical process tube temperature	5°C to 121°C
Maximum steam temperature*	205°C/1690 kPa
Typical temperature difference tracer tube vs. process tube	66°C

*If bundle jacket is to remain below 60°C in 27°C ambient (in consideration of personnel burn risk) tube temperature must remain below 205°C. Alternative designs to keep jacket below 60°C in higher ambients and/or with higher tube temperatures are available. Contact Thermon.