

STEAM HEATED INSTRUMENT TUBING FOR FREEZE PROTECTION AND TEMPERATURE MAINTENANCE

TUBETRACE® TYPE SP/MP

“Heavy” Steam Traced Instrument Tubing

APPLICATION

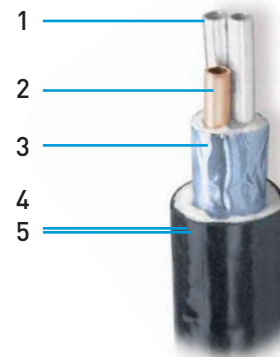
Freeze Protection or Process Temperature Maintenance Tube Temperature Range: 5°C to 205°C. TubeTrace Type SP and MP with “heavy” steam trace is designed to provide freeze protection or temperature maintenance for metallic and nonmetallic tubing. TubeTrace Type SP and MP heavy steam trace is suitable for use with process analyzers, emissions analyzers, and impulse lines to pressure transmitters where steam or hot liquid is the preferred heating media. TubeTrace Type SP and MP “heavy” steam trace is a metallic tracer tube in direct contact with the process tube. “Heavy” steam trace provides predictable heat output along the traced tube. The tracer tube and process tubes are cabled together thereby mechanically binding the tubes. This ensures consistent heat transfer and performance along the entire length by preventing separation or tube migration within the bundle. Unlike field fabricated and insulated tubing, TubeTrace pre-engineered factory insulated tubing provides superior weather proofing and long term reliability.

CONSTRUCTION

- 1 Process tubes
- 2 Tracer Tube
- 3 Non-Hygroscopic glass fiber insulation
- 4 Heat reflective tape
- 5 Polymer outer jacket

HPT PRODUCT FEATURES

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



RATINGS/SPECIFICATIONS

SP and MP “Heavy” Trace	Ratings
Available tracer tube diameters	1/4”, 3/8”, 1/2”, 6, 10, and 12 mm
Available tracer tube materials	Copper and Stainless Steel
Typical process tube temperature	5°C to 205°C
Maximum steam temperature	205°C/1690 kPa
Typical temperature difference tracer tube vs. process tube	Less than 14°C