

# TUBETRACE® TYPE SEI/MEI - HT - TUBING

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Electrically Heat Traced (EHT) Tubing with EHT Isolated from High Temperatures (HT)

### APPLICATION

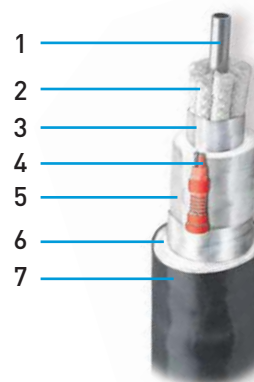
Freeze protection 5°C of steam lines. (Continuous exposure to 399°C) TubeTrace HT is a pre-engineered electric traced tube bundle for steam sample lines and impulse lines to pressure transmitters. TubeTrace HT will provide water freeze protection in ambient conditions down to -45°C with 40 kph wind conditions. HT will withstand continuous steam exposure temperatures up to 399°C. In the past, tubing subject to high temperature exposure was heat traced with series resistance mineral insulated (MI) heat trace. MI heaters are custom made to fit each application, so long lead times are often required. TubeTrace HT solves this with Thermon parallel resistance HPT heat trace isolated from direct contact with high temperature tubing. TubeTrace HT bundles are designed to withstand continuous 399°C steam exposure temperature even when power is applied to the heat trace during ambient conditions of 5°C.

### CONSTRUCTION

- 1 Process tube(s)
- 2 High temperature woven glass fiber thermal insulation
- 3 Heat reflective foil
- 4 HPT heat trace
- 5 Thermal diffusion foil
- 4 Non-Hygroscopic glass fiber insulation
- 5 Polymer outer jacket (ATP or TPU)

### PRODUCT FEATURES

- “Touch Safe” Jackets Protect Personnel
- “Cut-to-Length” for Faster Installation
- Rated for 399°C Continuous Exposure Temperatures
- Designed for Ambient Sensing Control at 5°C
- Freeze Protect in Ambient of -45°C



### RATINGS/SPECIFICATIONS

Watt Density	33 W/m @ 10°C
Supply voltages*	230 Vac Nominal
Maintain temperature	5°C (Freeze protection)
Minimum design ambient	-45°C
Max. continuous exposure temp.	399°C
Minimum bend radius	406 mm

\*Higher voltages up to 480 Vac may be possible: contact Thermon for design assistance