

TUBETRACE® TYPE SE/ME - TUBING

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Electrically Heated Instrument Tubing
BSX™ Self-Regulating Heat Tracing

APPLICATION

Freeze Protection or Process Temperature Maintenance Range: 5°C to 65°C
TubeTrace, with “cut-to-length” BSX self-regulating heat tracing, is designed to provide freeze protection or temperature maintenance for tubing where no “steam out” of the tubing is possible. BSX withstands temperature exposures of 85°C.

Self-regulating BSX heat tracing

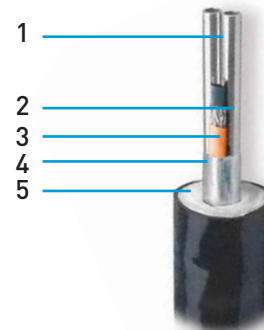
- Varies in response to the surrounding conditions along the entire length of a circuit.
- Lower risk of overheating the tube or product.
- Installed cost is lower because “cut-to-length” BSX makes end connections easy with minimal waste.
- Is approved for use in ordinary (nonclassified) areas and are certified to the ATEX directive for use in Category 2 and 3 (Zone 1 and 2) classified areas.

CONSTRUCTION

- 1 Process tube
- 2 BSX Self-regulating electrical heat tracing
- 3 Heat Reflective Tape
- 4 Non-Hygroscopic glass fiber insulation
- 5 Polymer outer jacket (ATP or TPU available)

BSX PRODUCT FEATURES

- Self-regulating
- Low inrush current
- “Cut-to-length”
- Hazardous area approvals



RATINGS/SPECIFICATIONS

BSX	Ratings
Available watt densities	9, 15, 25, 32 W/m @ 10°C
Supply voltage	230 Vac
Tube temperature range	5°C to 65°C
Max. continuous exposure temperature Power-off	85°C
T-rating* ¹	
9, 15, 25 W/m	T6 85°C
32 W/m	T5 100°C
Based on stabilised design* ²	T6 65°C

*¹T-rating per internationally recognised testing agency guidelines.

*²Thermon heating cables are approved for the listed T-ratings using the stabilised design method. This enables the cable to operate in hazardous areas without limiting thermostats. The T-rating may be determined using CompuTrace® Electric Heat Tracing Design Software or contact Thermon for design assistance.