



PRODUCT SPECIFICATIONS

# ThermoTube® Type SL-HT, HTX & HTX2

Pre-Insulated Tubing For High Process Exposure Temperatures

**APPLICATION**

ThermoTube Pre-Insulated Tubing HT, HTX and HTX2 are non-heated tube bundles to transport high temperature steam / liquids or for sample lines and impulse lines to pressure instruments. These products are used where heat tracing is deemed unnecessary such as indoors or in climates that do not experience subfreezing temperatures. They limit heat losses for energy conservation and provide personnel protection by limiting outer jacket temperatures.

High temperature ThermoTube pre-insulated tubing bundles are offered in three popular configurations, ranging from 750°F (399°C) service to continuous operation at 1100°F (593°C).

**RATINGS/SPECIFICATIONS**

| High Temperature Option: | -HT           | -HTX           | -HTX2                        |
|--------------------------|---------------|----------------|------------------------------|
| Service Temperature      | 750°F (399°C) | 1100°F (593°C) | 1100°F (593°C) Intermittent* |
| Nominal Bundle Diameter  | 3" (76 mm)    | 3.5" (89 mm)   | 2.3" (58 mm)                 |
| Minimum Bend Radius      | 16" (406 mm)  | 20" (508 mm)   | 12" (305 mm)                 |

\* Intermittent exposure is up to 2 minutes per cycle.

**PRODUCT FEATURES**

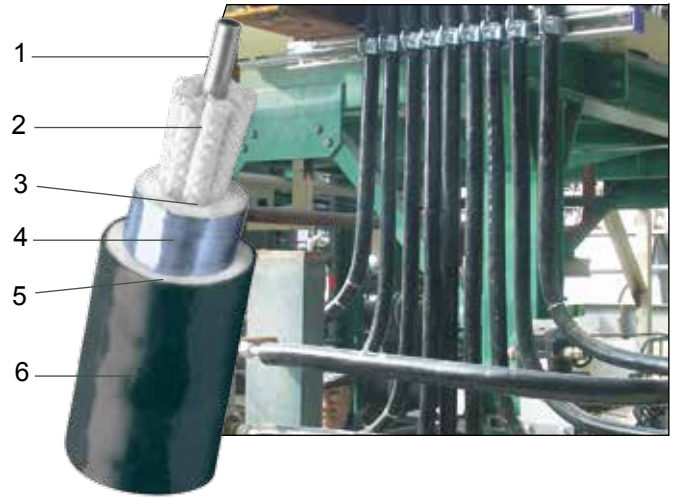
- "Touch Safe" Jackets Protect Personnel
- "Cut-to-Length" Coils for Fast, Lower Cost Installation
- Conserves Energy

**HOW TO SPECIFY**

**SL- 4F1 65 - ATP- HTX**

|  |  |  |                  |  |  |   |
|--|--|--|------------------|--|--|---|
| <b>Bundle Type</b><br>SL = Single Tube | <b>Tube O.D.</b><br>2 = 1/4"<br>3 = 3/8"<br>4 = 1/2" | <b>Tube Material</b><br>A = 316 SS Welded<br>D = Monel <sup>1</sup><br>E = Titanium<br>F = 316 SS Seamless<br>G = 304 SS Welded<br>H = 304 SS Seamless<br>J = Alloy C276<br>K = Alloy 825<br>L = Alloy 20<br>X = Special | <b>Tube</b><br>1 | <b>Tube Wall Thickness</b><br>35 = .035"<br>49 = .049"<br>65 = .065"<br>83 = .083" | <b>Jacket Option Type</b><br>ATP <sup>2</sup><br>TPU | HT = 750°F (399°C) Continuous<br>HTX = 1100°F (593°C) Continuous<br>HTX2 = 1100°F (593°C) Intermittent Exposure |
|--|--|--|------------------|--|--|---|

**Notes . . .**  
1. Monel is a trademark of Inco Alloys International, Inc.  
2. Black ATP is standard:



**CONSTRUCTION**

- 1 Process Tube
- 2 High Temperature Woven Glass Fiber Thermal Insulation
- 3 Thermal Diffusion Foil
- 4 Heat Reflective Foil
- 5 Non-hygroscopic Glass Fiber Insulation
- 6 Polymer Outer Jacket (ATP or TPU)

**BASIC ACCESSORIES**

**END SEAL KIT  
FAK-7HTS-HTX2-SL**

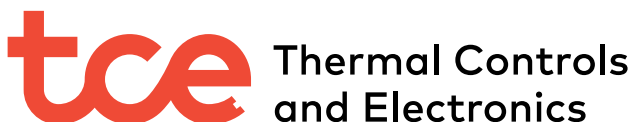
- Up to 3.0" o.d.
- Single tube, no tracer
- For SL-HTX2

**FAK-7HTS-HT/HTX-SL**

- Up to 3.50" o.d.
- Single tube, no tracer
- For SL-HT and SL-HTX



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