ThermoTube® Type SL-HT, HTX & HTX2

Pre-Insulated Tubing For High Process Exposure Temperatures

APPLICATION

For Transport of High Temperature Steam or Liquids

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 temperatue ThermoTube pre-insulated tubing bundles are offered in three popular configurations, ranging from 399°C service to continuous operation at 593°C.

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)

RATINGS/SPECIFICATIONS

High Temperature Option:	-HT	-HTX	-HTX2
Service Temperature	399°C	593°C	593°C Intermittent*
Nominal Bundle Diameter	76 mm	89 mm	58 mm
Minimum Bend Radius	406 mm	508 mm	305 mm

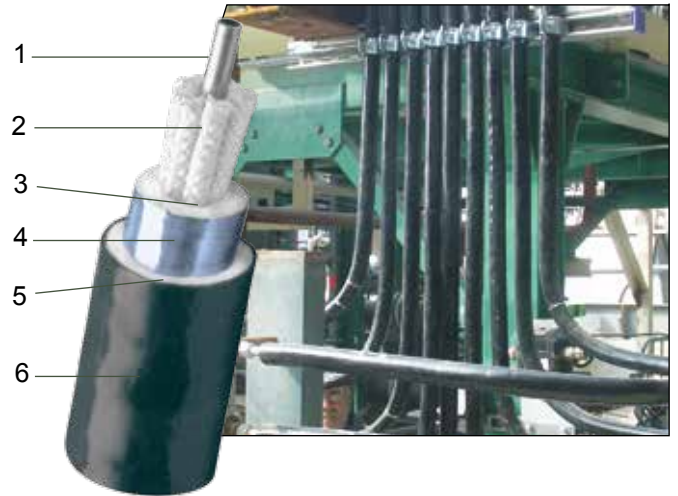* Intermittent exposure is up to 2 minutes per cycle.

PRODUCT FEATURES

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

BASIC ACCESSORIES
END SEAL KIT
FAK-SSHTX2-SL

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

FAK-SSHT/HTX-2

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

HOW TO SPECIFY

SL- 4F1 65 - ATP- HTX

Bundle Type
SL = Single Tube

Tube O.D.
2 = 1/4"
3 = 3/8"
4 = 1/2"

Tube Material
A = 316 SS Welded
D = Monel[1]
E = Titanium
F = 316 SS Seamless
G = 304 SS Welded
H = 304 SS Seamless
J = Alloy C276
K = Alloy 825
L = Alloy 20
X = Special

Tube
1

Tube Wall Thickness
35 = .035"
49 = .049"
65 = .065"
83 = .083"

Jacket Option Type
ATP[2]
TPU

HT = 399°C Continuous
HTX = 593°C Continuous
HTX2 = 593°C Intermittent Exposure

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