



ISO 9001  
REGISTERED

## **TubeTrace® ...Heated Instrument Tubing** **Process Bundle “QuickQuote” Design Data**

1 April 2008

Contact Information: _____ email address: _____ Phone: _____ Company & Location: _____
--

**Notes:** Include all units of measure as required. Use a separate QuickQuote form for each separate bundle, and email or FAX to nearest Thermon office.

### **Temperature Data** (Please indicate °F or °C):

1. Maintain temperature:
2. Minimum ambient temperature (assumes outdoors with wind):
3. Maximum ambient temperature:
4. Maximum process or tubing limit (If applicable):
5. Maximum exposure temperature (process upset, steam-out, etc.)

### **Tubing\* Data** (Indicate imperial or metric units):

1. Total length of tubing to be heated? \_\_\_\_\_  
(**Note:** Length of multiple tubes with a common heater should only be counted once.)
2. How many tube(s) are to be heated?
3. Indicate size and wall thickness of each tube:
4. Tubing\* material. (Include special finishes or plating, and be as specific as possible.):

### **Electrical Requirements** (if electrically heated):

1. Available voltage (Vac):
2. Area classification [non-hazardous or hazardous (classified) with specific ratings and approvals required]:
3. Preferred electrical heat tracing (i.e. self-regulating, power-limiting, constant watt, etc.)

### **Steam or Fluid Heating Media Data** (if not electrically heated):

1. Steam pressure(s) available:
2. Steam tracer tube material, size and wall thickness preferred:
3. Heat transfer fluid (if not steam traced) pressure and temperature:  
(**Note:** Consider ThermoTube® pre-insulated tubing for steam/fluid supply and return)

### **Accessories** (Contact Thermon for other options):

1. Bulkhead entry fitting (for bundle to enter an enclosure or shelter)
2. Electrical terminations and accessories for electrical heat tracing or other.
3. Temperature controls and/or monitoring system?
4. Factory installed temperature sensor?

**\*Note:** For custom CEMS bundles and specialty analyzer requirements, complete the **Analyzer Umbilical** “QuickQuote” form available on-line [www.thermon.com](http://www.thermon.com).)

***THERMON . . . The Heat Tracing Specialists®***  
www.thermon.com

Corporate Offices: 100 Thermon Dr. • PO Box 609 • San Marcos, Texas 78667-0609  
Phone: 512-396-5801 • Facsimile: 512-396-3627 • Toll Free in North America: **800-820-HEAT (4328)**