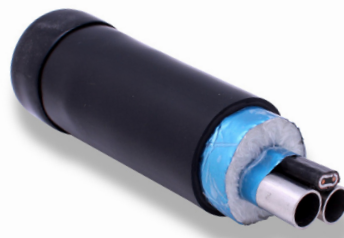


THERMOTECH® TUBING BUNDLE TYPE ET



Freeze Protection Type



Temperature maintenance Type

General :

Thermotech tube® type ET offers economic & high efficiency instrument impulse line or analyzer sample transfer solution, especially TMS sampling method to replace previous conventional tubing work. Thermotech tube® type ET is all-in-one typed Pre-insulated tubing bundle which composed of one or two process tube & Electric heating cable, non-hygroscopic E-glassfiber insulation, and frame, corrosion-resistant thermoplastic compound outer jacket.

Freeze protection type

Designed to protect from winter freezing of process tube by the heat of electric heating cable. Self-regulating heating cable is mainly used, which shall be wrapped with insulation to prevent damage by the heat of the process tube.

Temperature maintenance type

Tubing bundle which using the Power-limiting heating cable to keep the temperature constantly up to max. 220°C. Avoid the damage of heating cable, apply only less than 260°C process temperature fluid.

Application :

Instrument impulse line
Analyzer sampling line
TMS Sampling line
Other utility lines

Tubing :

CMTECH's standard tubing materials are 304/304L, 316/316L Seamless & Welded stainless steel, Type 1220 copper tube. Refer to technical data chapter for specific material & size information, or Ask CMTECH factory.

Insulation :

Standard insulation material for CMTECH products is 8mm, 12mm, 16mm thickness Non-hygroscopic E-glassfiber insulation. Specially using Aerogel insulation for cryogenic services and high temperature process over 300°C. Aerogel insulation reduces product size(diameter) dramatically.

Outer Jacket :

CMTECH uses UL 105°C rated Flame-resistant, corrosion-resistant thermoplastic compound for outer jacket material which guarantees long product life & protects from corrosive atmospheres, water, oils, acids, alkalies, etc. For more information about the material, refer to technical data chapter or ask CMTECH.

Testing :

Every CMTECH's tubing products are pressure tested before shipment. If required, 3rd party test or inspection is also possible and which include DNV, ABS & LLOYD'S REGISTER standard. For more information, ask CMTECH.

Note

When cutting the bundle tubing, cut surface's sealing works are highly recommended and necessarily required to prevent infiltration of moisture, corrosive liquids.
If end sealing works are not performed, CMTECH do not have any responsibility for damages by water penetration. And product warranty is voided. CMTECH supplies accessories for end sealing and connection. For more information, refer to accessories pages.

How to Specify & Order

