PRODUCT SPECIFICATIONS

T-802 HEAT TRANSFER COMPOUNDS

APPLICATION

T-802 is a two-part medium temperature resin-based heat transfer compound for use in moist and/or corrosive environments. Thermon's heat transfer compounds provide an efficient thermal connection between the tracer and the process equipment. By eliminating the air voids that would ordinarily exist, heat is directed into the pipe wall primarily through conduction rather than convection and radiation. A single tracer utilising Thermon's heat transfer compound has the equivalent performance of three to five air convection (bare) tracers.

T-802 is typically utilised for applications requiring relatively short curing times where steam is not currently available. T-802 begins curing upon mixing. Curing times vary from 1.25 to 4 hours depending on mixing ratios and ambient temperatures.

SPECIFICATIONS/RATINGS

Container sizes

T-802-Q ..... 1-quart (0.946-liter) cans

T-802-G ..... 1-gallon (3.79-liter) cans

Maximum exposure temperature.....275°F (135°C)

Minimum exposure temperature..... -320°F (-196°C)

Minimum installation temperature.....32°F (0°C)

Heat transfer coefficient, U .....tracer to pipe wall 20-40 Btu/hr•°F•ft2 (114-227 w/m2•°C)

Electrical resistivity ..... 146 ohms/inch (57 ohms/cm)

Shelf life.....1 year (unmixed)

Bond shear .....1,000 lbs/in2 (6,895 kPa)

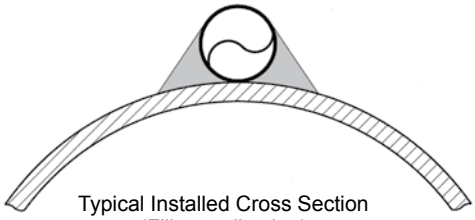
Water-soluble .....no

DESCRIPTION

T-802 is available in 1-quart (0.946-liter) and 1-gallon (3.79-liter) cans.

BENEFITS

- Nonsoluble in water
- Self-curing—no heat required
- Epoxy resin base creates strong thermal and mechanical bond
- Suitable for moist and/or corrosive environments
- Free design assistance



Typical Installed Cross Section
(Fillet application)

THERMON **The Heat Tracing Specialists®**

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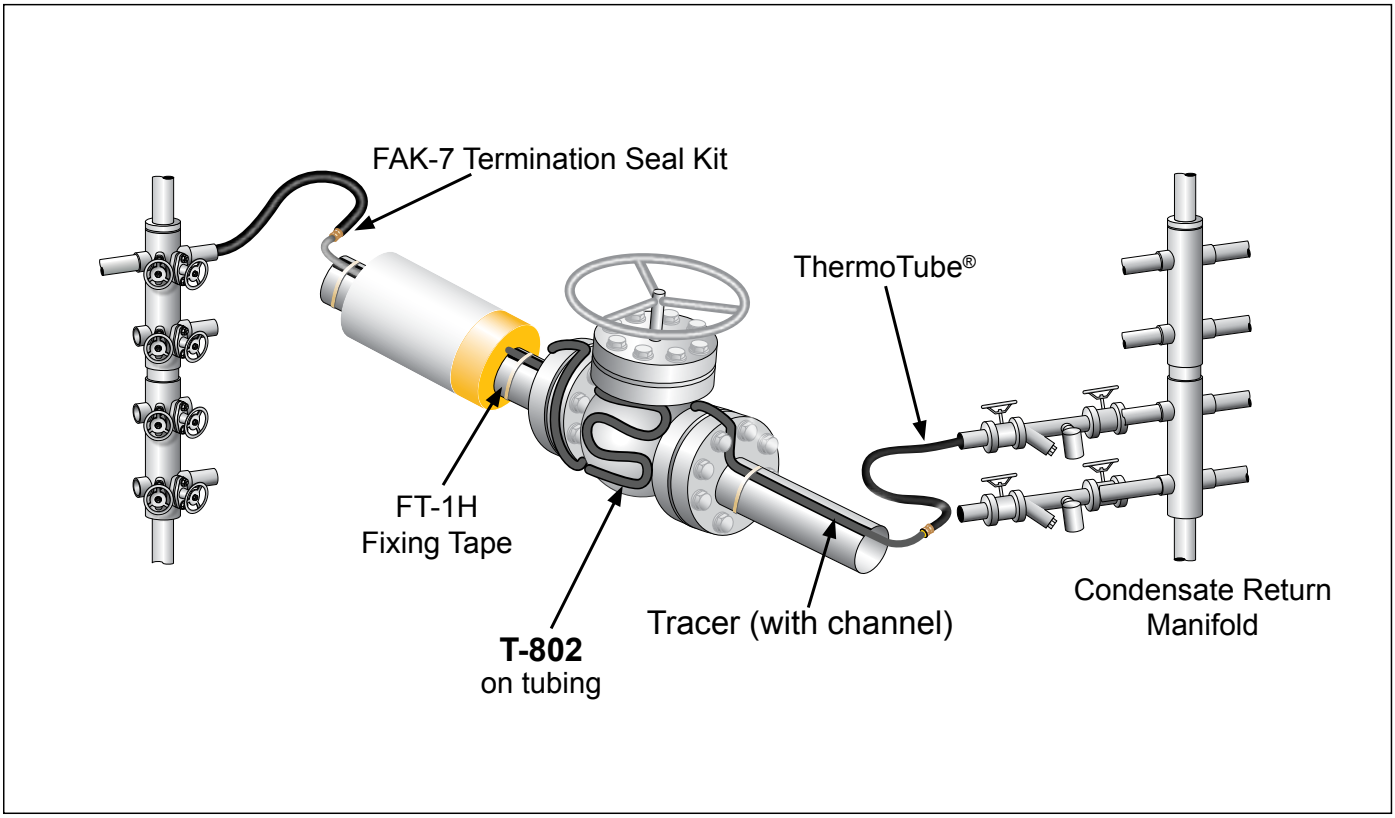
PRODUCT SPECIFICATIONS

T-802 HEAT TRANSFER COMPOUNDS

TYPICAL STEAM TRACING SYSTEM



PRODUCT CONFIGURATIONS

Catalog Number	Description	Max. Exposure Temperature
T-802-Q	1-Quart 2-Part Compound*	275°F (135°C)
T-802-G	1-Gallon 2-Part Compound*	275°F (135°C)

* Shipped in two (2) separate comtainers.

Stainless Steel Banding used to secure tracer to piping.

- **T2SSB** (.50" x .020") for 3/8" and 1/2" O.D. tube tracers.
- **T3SSB** (.50" x .030") for 3/4" and 1" O.D. tube tracers and NPS pipe tracers.
- **C001** banding tool for applying tension to T2SSB or T3SSB banding.

1950A crimping tool for T34PB-CR seals.

T34PB-CR crimp seals for fastening tensioned banding.