

T-802

Heat Transfer Compound

Product Specifications

Application . . .

T-802 is a two-part low to 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 0.946-litre cans

T-802-G 3.79-litre cans

Maximum exposure temperature 135°C

Minimum exposure temperature -196°C

Minimum installation temperature 0°C

Heat transfer coefficient, U tracer to pipe wall
114-227 W/m²•°C

Electrical resistivity 57 Ohm/cm

Shelf life 1 year (unmixed)

Bond shear 6895 kPa

Water-soluble no

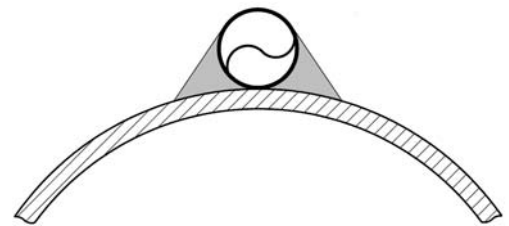
Benefits . . .

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



Description . . .

T-802 is available in 0.946-litre and 3.79-litre cans.



Typical Installed Cross Section
(Fillet application)



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



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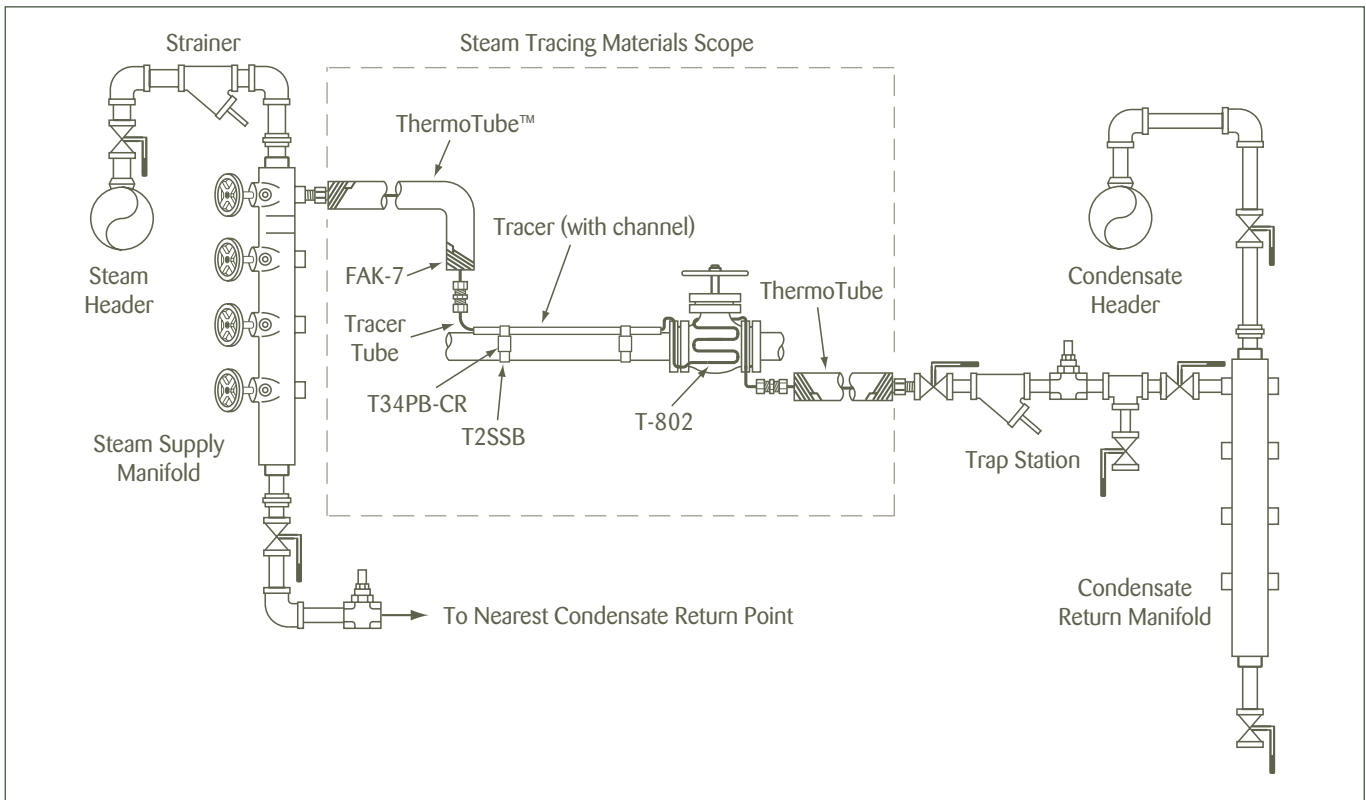
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T-802

Heat Transfer Compound

Product Specifications

Typical Steam Tracing System . . .



Product Configurations . . .

Product Type	Description	Max. Exposure Temperature
T-802-Q	0.946-Litre Can 2-Part Compound	135°C
T-802-G	3.79-Litre Can 2-Part Compound	135°C

Basic Accessories . . .



1950A...crimping tool for T34PB-CR seals.
T34PB-CR...crimp seals for fastening tensioned banding.



Stainless Steel Banding...used to secure tracer, compound and channel to piping.

- **T2SSB** (12 mm wide, 0,5 mm thick) for 10 mm and 12 mm O.D. tube tracers.
- **T3SSB** (12 mm wide, 0,8 mm thick) for 20 mm or 25 mm O.D. tube and DN 20 or 25 (3/4 or 1 inch NPS) pipe tracers.

C001...banding tool for applying tension to T2SSB or T3SSB banding.

