



PRODUCT SPECIFICATIONS

T-85 HEAT TRANSFER COMPOUNDS

APPLICATION

T-85 is a low to medium temperature heat transfer compounds for use in moist and corrosive environments. Thermon's heat transfer compounds provide an efficient thermal bond between the tracer and the process equipment. By eliminating the air voids that would ordinarily exist, heat is directed into the surface being heated through conduction rather than convection and radiation. A single tracer utilizing Thermon's heat transfer compound has the equivalent performance of three to five convection (bare) tracers.

T-85 is typically utilized around valves and equipment where maximum exposure temperatures will not exceed 190°C. To reduce installation time and waste, these compounds are available in 0.379-liter cartridges.



SPECIFICATIONS/RATINGS

Container sizes

- T-85-C0.379-liter cartridges
- T-85-13.79-liter cans
- T-85-58.93-liter cans

Maximum exposure temperature

- T-85 190°C

Minimum exposure temperature.....-196°C

Minimum installation temperature

- T-85 ambient temperature.....0°C
- T-85 product temperature.....21°C

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

Electrical resistivity57 ohms/cm

Shelf life

- 0.379-litre cartridges90 days
- 3.79- and 18.93-litre cans30 days

Bond shear 6,895-12,411 kPa

Water-soluble no

DESCRIPTION

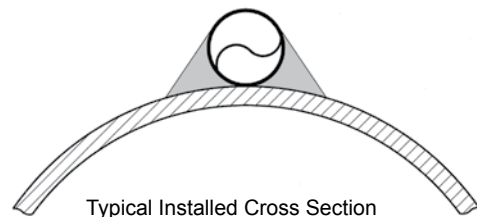
T-85 are available in 0.379-liter cartridges as well as 3.79-litre and 18.93-liter cans.

OPTIONS

T-85 cartridge applicators allow easy installation for the 0.379-litre heat transfer compound.

BENEFITS

- Non soluble in water - no special curing required
- Epoxy resin base creates strong mechanical bond
- Suitable for moist or corrosive environments
- 1/10-gallon cartridges allow easy application for valve and accessory heat tracing
- Free design assistance



Typical Installed Cross Section
(Fillet application)

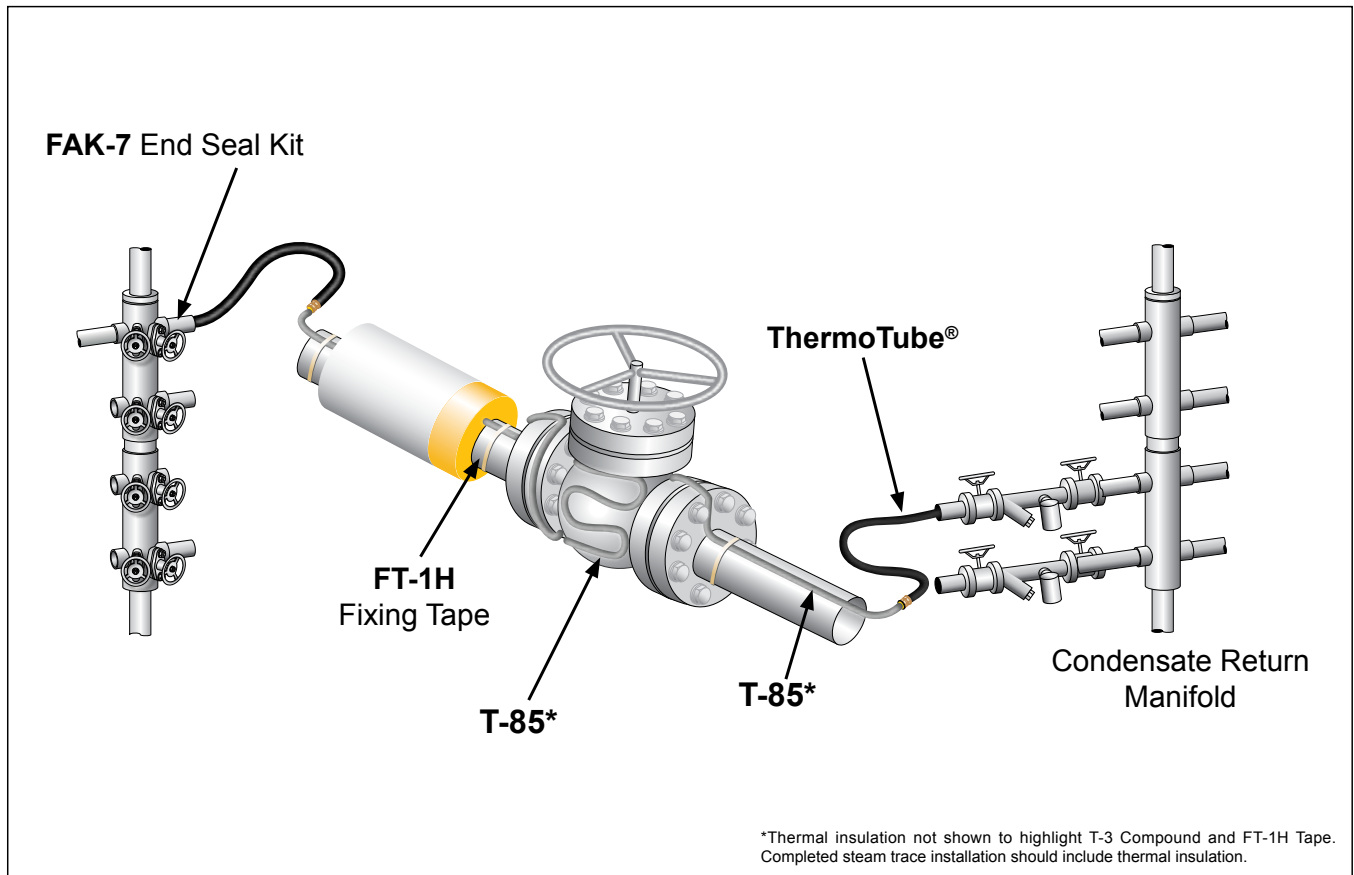
THERMON The Heat Tracing Specialists®



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TYPICAL STEAM TRACING SYSTEM



PRODUCT CONFIGURATIONS

Catalog Number	Description	Max. Exposure Temperature
T-85-C	0.379-litre Cartridge	190°C
T-85-1	3.79-litre Can Compound	190°C
T-85-5	18.93-litre Can Compound	190°C

BASIC ACCESSORIES



MC-1 manual applicator.

AC-1 air-powered cartridge applicator with 50' of air hose.



Stainless Steel Banding . . . used to secure tracer to piping.

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



846-1E battery powered cartridge applicator for T-85 and T-80 Heat Transfer Compounds. Battery pack and 120 Vac charger included.

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

T34PB-CR crimp seals for fastening tensioned banding.

1950A crimping tool for T34PB-CR seals.