



PRODUCT SPECIFICATIONS

SnapTrace®

PREFORMED HEAT TRANSFER COMPOUNDS

APPLICATION

SnapTrace is a preformed flexible heat transfer compound designed for rapid, consistent installation over steam trace tubing on straight piping. SnapTrace also includes TFK channel, providing mechanical and weather protection to the installation. (Refer to the back of this specification sheet for additional information.)

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 utilizing Thermon's heat transfer compound has the equivalent performance of three to five (bare) tracers.

Bulk Heat Transfer Compounds can be installed in TFK channels to create a ChannelTrace™ system. While SnapTrace is considered part of the ChannelTrace family, the rapid installation of SnapTrace on straight runs is unique and cost effective with rapid installation.

SPECIFICATIONS/RATINGS

Standard length	pre-formed 1.22 m sections
Maximum exposure temperature	208°C
Minimum exposure temperature	-73°C
Minimum installation temperature	-12°C
Heat transfer coefficient, U_t	tracer to pipe wall 114-227 $w/m^2 \cdot ^\circ C$
Electrical resistivity	57 ohms/cm
Shelf life	indefinite
Bond shear	689-1,034 kPa
Water-soluble	no



DESCRIPTION

SnapTrace sections are shipped in 1.22 m lengths and are packaged 25 sections per box. Each SnapTrace order includes protective TFK galvanized steel channels.

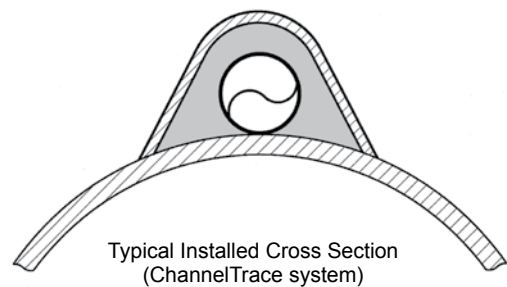
SnapTrace is non-soluble in most liquids and requires no curing procedures. 1

BENEFITS

- Factory-formed to fit the tracer and pipe
- Can be installed up to five times faster than hand troweled compounds
- Non-soluble in water
- No surface preparation required
- No curing required,
- Increases heat transfer rates significantly over bare tracing
- Free design assistance available from Thermon

Note

1. A four-hour start-up procedure should be implemented to circulate fluids > 93°C through the tracers to soften the SnapTrace for maximum surface conformance and optimal performance.



THERMON The Heat Tracing Specialists®



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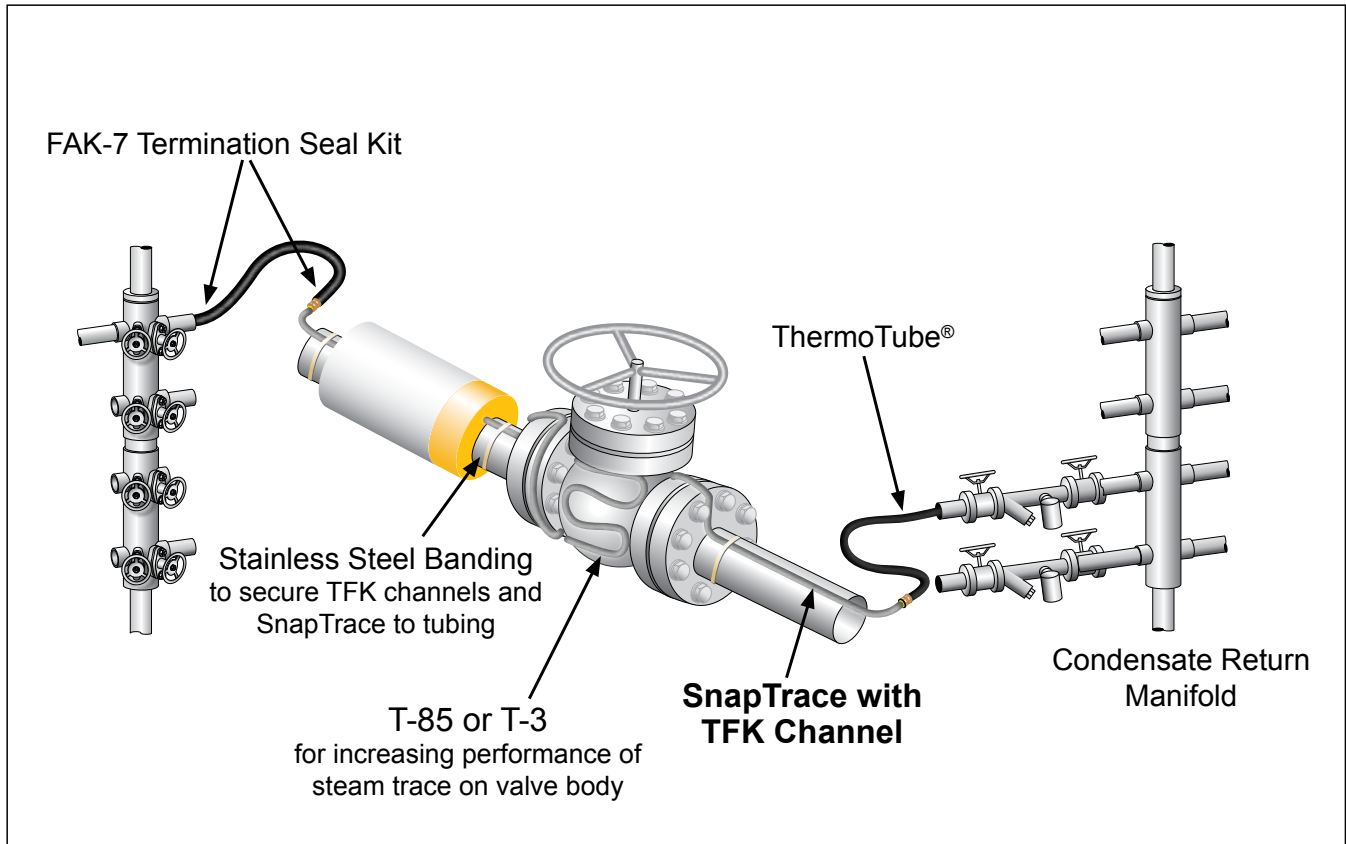


PRODUCT SPECIFICATIONS

SnapTrace®

PREFORMED HEAT TRANSFER COMPOUNDS

TYPICAL STEAM TRACING SYSTEM



SNAPTRACE SIZES

Product Type	Description
ST-1	Fits 3/8" O.D. Tracer Tubing for Nominal Pipe Sizes 1-1/2" or Larger
ST-2	Fits 31/2" O.D. Tracer Tubing for Nominal Pipe Sizes 1-1/2" or Larger
ST-3	Fits 3/4" O.D. Tracer Tubing for Nominal Pipe Sizes 3" or Larger
ST-4	Fits 1/2" NPS Pipe Tracers for Nominal Pipe Sizes 3" or Larger
ST-5	Fits 3/4" NPS Pipe Tracers for Nominal Pipe Sizes 6" or Larger
ST-6	Fits 1" NPS Pipe Tracers for Nominal Pipe Sizes 6" or Larger

BASIC ACCESSORIES



TFK-4 galvanized steel channel 30 mm x 21 mm covers SnapTrace heat transfer compound applied to 3/8" or 1/2" O.D. tube tracers.

TFK-7 galvanized steel channel 41 mm x 31 mm covers SnapTrace heat transfer compound applied to 3/4" O.D. tube or 1/2" NPS pipe tracers.

TFK-9 galvanized steel channel 64 mm x 44 mm covers SnapTrace heat transfer compound applied to 1" O.D. tube and 3/4" or 1" NPS pipe tracers.

Stainless steel TFK channels are also available.



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