

TubeTrace® Heated Tubing Bundle Connection Kits



Enclosure/Shelter Entry Kits

Bulkhead Entry Heat Shrink Seal provides an effective transition and strain-relief when bundle passes through a wall 1" thick or less.

- FAK-9S** (fits O.D. 3/4" to 1-1/2" bundles)
- FAK-9** (fits O.D. 3/4" to 2" bundles)
- FAK-9L** (fits O.D. 1-1/4" to 2-3/4" bundles)
- FAK-9LX** (fits O.D. 1-1/2" to 3-1/2" bundles)

Kits include: heat-shrinkable bulkhead entry, sealant and "O"-ring gasket

FAK-1 Kit for bulkhead entry of TubeTrace bundles. The kit is designed to make a waterproof seal around the bundle.

- FAK-1** (fits O.D. 1-1/8" to 2-1/2" bundles)

Kits include: UV resistant ABS shell, glass fiber insulation, aluminum heat barrier, SS fasteners and RTV sealant. Tube fittings not included.

Terminator DP/FAK-1 Kit for bulkhead entry of electrically heated TubeTrace bundles. The kit is designed to make a waterproof seal over the end of TubeTrace and terminate Thermon electric heat tracing in an approved junction box. Kit will make one connection. (PETK termination kit for electric heat tracing required, order separately).

- FAK-1** (fits O.D. 1-1/8" to 2-1/2" bundles)

Terminator DE-B/FAK-1 Kit for bulkhead entry of electrically heated TubeTrace bundles. The kit is designed to make a waterproof seal over the end of TubeTrace and terminate Thermon electric heat tracing in an approved DE-B. Kit will make one connection. (PETK termination kit for electric heat tracing required, order separately).

- FAK-1** (fits O.D. 1-1/8" to 2-1/2" bundles)

Accessories for Electric Heat Trace Termination

PETK circuit fabrication kit includes a power boot, end cap and RTV sealant.

SCTK splice connection/termination kit includes a power boot, wirenuts and RTV sealant.

- PETK-1D / SCTK-1D.....BSX, RSX, VSX
- PETK-2D / SCTK-2D.....HTSX
- PETK-3D / SCTK-3D.....FP, HPT

90° Elbow Transition Kits

90° Elbow Transition Kits are designed to make a waterproof seal over TubeTrace splices.

- FAK-2** (fits O.D. 1-1/8" to 2-1/2" bundles)
- FAK-2L** (fits O.D. 1-7/8" to 3-1/2" bundles)
- FAK-2LHT¹** (fits O.D. 1-7/8" to 3-1/2" bundles)

Kits include: UV resistant ABS shell, glass fiber insulation, aluminum heat barrier, SS fasteners & RTV sealant. Tube fittings not included.

Terminator DP/FAK-2 Kits are designed to fabricate outside the insulation power connection, in-line splices or end terminations on TubeTrace with electric heat tracing. Tube fittings not included. (PETK termination kit for electric heat tracing required, order separately).

- DP/FAK-2** (fits O.D. 1-1/8" to 2-1/2" bundles)
- DP/FAK-2L** (fits O.D. 1-7/8" to 3-1/2" bundles)
- DP/FAK-2LHT¹** (fits O.D. 1-7/8" to 3-1/2" bundles)

Terminator DS/FAK-2 Kits are designed to fabricate accessible outside the insulation in-line splices or end terminations on TubeTrace with electric heat tracing. Tube fittings not included. (SCTK termination kit for electric heat tracing required, order separately).

- DS/FAK-2** (fits O.D. 1-1/8" to 2-1/2" bundles)
- DS/FAK-2L** (fits O.D. 1-7/8" to 3-1/2" bundles)
- DS/FAK-2LHT¹** (fits O.D. 1-7/8" to 3-1/2" bundles)

Field Installed Control Sensor Kits

FAK-4T Kits provide a waterproof seal over TubeTrace for field installed thermostat.

- FAK-4T** (fits O.D. 1-1/8" to 2-1/2" bundles)
- FAK-4LT** (fits O.D. 1-7/8" to 3-1/2" bundles)

Kits include: UV resistant ABS shell, glass fiber insulation tape, aluminum heat barrier tape, SS fasteners and RTV sealant. (Thermostat must be purchased separately.)

FAK-4S Kits provide a waterproof seal over TubeTrace for field installed sensor.

- FAK-4S** (fits O.D. 1-1/8" to 2-1/2" bundles)
- FAK-4LS** (fits O.D. 1-7/8" to 3-1/2" bundles)

Kits include: UV resistant ABS shell, glass fiber insulation, aluminum heat barrier, SS fasteners and RTV sealant. (Sensor and junction box must be purchased separately.)

T-Splice Kits

T-Splice Kits designed to make a waterproof seal over TubeTrace splices.

- FAK-5** (fits O.D. 1-1/8" to 2-1/2" bundles)
- FAK-5L** (fits O.D. 1-7/8" to 3-1/2" bundles)
- FAK-5LHT¹** (fits O.D. 1-7/8" to 3-1/2" bundles)

Kits include: UV resistant ABS shell, glass fiber insulation, aluminum heat barrier, SS fasteners and RTV sealant. Tube fittings not included. (If electric heat tracing splice is required, order separately.)

Terminator DP/FAK-5 Kits for tee splice of electrically heated TubeTrace bundles. These kits are designed to make a waterproof seal at tee splice connections of Thermon TubeTrace bundle with electric heat tracing. Tube fittings not included. (PETK termination kit for electric heat tracing required, order separately).

- DP/FAK-5** (fits O.D. 1-1/8" to 2-1/2" bundles)
- DP/FAK-5L** (fits O.D. 1-7/8" to 3-1/2" bundles)
- DP/FAK-5LHT¹** (fits O.D. 1-7/8" to 3-1/2" bundles)

Termination and Seal Kits

FAK-7 Seal Kits are designed to make a waterproof seal over the end of TubeTrace.

FAK-7 is rated -40°F (-40°C) to 400°F (204°C). Includes: self vulcanizing tape and RTV sealant. Contains materials for six (6) terminations.
FAK-7-HT/HTX is rated -40°F (-40°C) to 1100°F (593°C). Includes: heat shrink, HT disk and sealant. Contains material for one (1) termination.

FAK-10 Kits are designed to make a waterproof seal over the end of TubeTrace tubing bundles. Kits include heat shrink seal.

- FAK-10A** (fits up to 1.95" O.D. bundles) Sleeve
- FAK-10B** (fits up to 1.95" O.D. bundles) 2- Hole
- FAK-10C** (fits up to 2.35" O.D. bundles) 3- Hole
- FAK-10AUT** (fits up to 3.5" O.D. bundles) Contact Factory

Electronic Controllers

TraceNet is a touch screen control and monitoring system with Windows CE operating system. The unit provides control and monitoring capabilities via digital information display for up to 180 heat tracing circuits with input from up to 6 RTDs. Product is rated for exposure temperatures of -40°F (-40°C) to 60°F (140°C)

TC 1818a is a multicircuit microprocessor-based temperature control and monitoring module. Provides control and monitoring capabilities via digital information display for a maximum of 18 heat tracing circuits. Can be configured for process sensing control or ambient sensing control.

TC 202a is a multicircuit microprocessor-based temperature control and monitoring module developed specifically for heat tracing. The unit provides control and monitoring capabilities via digital information display for two heat tracing circuits with input from two RTDs.

TC 201a is a multicircuit microprocessor-based temperature control and monitoring module. Provides control and monitoring capabilities via digital information display for one heat tracing circuit with input from two RTDs. Each RTD can provide independent sensing of the heated surface.

TC 101a is a multicircuit microprocessor-based temperature control and monitoring module developed specifically for heat tracing. The unit provides control and monitoring capabilities via digital information display for one heat tracing circuit with input from one RTD.

In-Line Splice Kits

In-line Splice Kits are designed to make a waterproof seal over TubeTrace splices.

- FAK-4** (fits O.D. 1-1/8" to 2-1/2" bundles)
- FAK-4L** (fits O.D. 1-7/8" to 3-1/2" bundles)
- FAK-4LHT¹** (fits O.D. 1-7/8" to 3-1/2" bundles)

Kits include: UV resistant ABS shell, glass fiber insulation, aluminum heat barrier, SS fasteners and RTV sealant. Tube fittings not included. (If electric heat tracing splice is required, order separately.)

Terminator DP/FAK-4 Kits are designed for an in-line splice of electrically heated TubeTrace bundles. Tube fittings not included. (PETK termination kit for electric heat tracing required, order separately).

- DP/FAK-4** (fits O.D. 1-1/8" to 2-1/2" bundles)
- DP/FAK-4L** (fits O.D. 1-7/8" to 3-1/2" bundles)
- DP/FAK-4LHT¹** (fits O.D. 1-7/8" to 3-1/2" bundles)

In-Line Splice Kits (cont'd.)

Terminator DS/FAK-4 Kits are designed to fabricate outside in-line splices on insulated TubeTrace with electric heat tracing.

- DS/FAK-4** (fits O.D. 1-1/8" to 2-1/2" bundles)
 - DS/FAK-4L** (fits O.D. 1-7/8" to 3-1/2" bundles)
 - DS/FAK-4LHT¹** (fits O.D. 1-7/8" to 3-1/2" bundles)
- Tube fittings not included. (SCTK termination kit for electric heat tracing required, order separately.)

FAK-8 Kits are designed to make a waterproof seal over TubeTrace splices.

- FAK-8** (8" x 8")
 - FAK-8L** (8" x 96")
- Kits include: self sealing rubber patch, glass fiber insulation, aluminum heat barrier. Tube fittings not included

Note: 1. HT kits are designed so that the outer jacket will not exceed 140°F (60°C) for high temperature bundles up to 1,100°F (593°C)