



### Enclosure/Shelter Entry Kits

Bulkhead Entry Heat Shrink Seal provides an effective transition and strain-relief when bundle passes through a wall 25 mm thick or less.

- FAK-9S** (fits O.D. 20-38 mm bundles)
- FAK-9** (fits O.D. 20-51 mm bundles)
- FAK-9L** (fits O.D. 32-70 mm bundles)
- FAK-9LX** (fits O.D. 38-89 mm 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. 29-64 mm bundles)  
Kits include: UV resistant ABS shell, glass fiber insulation, aluminum heat barrier, SS fasteners and RTV sealant. Tube fittings not included.

**Terminator ZP/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. 29-64 mm bundles)

**Terminator ZE-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 Terminator ZE-B. Kit will make one connection. (PETK termination kit for electric heat tracing required, order separately).

**FAK-1** (fits O.D. 29-64 mm 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-1 / SCTK-1 ..... BSX, RSX, VSX
- PETK-2 / SCTK-2 ..... HTSX
- PETK-3 / SCTK-3 ..... FP, HPT

### 90° Elbow Transition Kits

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

**FAK-2** (fits O.D. 29-64 mm bundles)  
**FAK-2L** (fits O.D. 48-89 mm bundles)  
**FAK-2LHT**<sup>1</sup> (fits O.D. 48-89 mm bundles)  
Kits include: UV resistant ABS shell, glass fiber insulation, aluminum heat barrier, SS fasteners & RTV sealant. Tube fittings not included.

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

**ZP/FAK-2** (fits O.D. 29-64 mm bundles)  
**ZP/FAK-2L** (fits O.D. 48-89 mm bundles)  
**ZP/FAK-2LHT**<sup>1</sup> (fits O.D. 48-89 mm bundles)

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

**ZS/FAK-2** (fits O.D. 29-64 mm bundles)  
**ZS/FAK-2L** (fits O.D. 48-89 mm bundles)  
**ZS/FAK-2LHT**<sup>1</sup> (fits O.D. 48-89 mm bundles)

### Field Installed Control Sensor Kits

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

**FAK-4T** (fits O.D. 29-64 bundles)  
**FAK-4LT** (fits O.D. 48-89 mm 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. 29-64 bundles)  
**FAK-4LS** (fits O.D. 48-89 mm 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.)

### Tee Splice Kits

**Tee Splice Kits** designed to make a waterproof seal over TubeTrace splices.

**FAK-5** (fits O.D. 29-64 mm bundles)  
**FAK-5L** (fits O.D. 48-89 mm bundles)  
**FAK-5LHT**<sup>1</sup> (fits O.D. 48-89 mm 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 ZP/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).

**ZP/FAK-5** (fits O.D. 29-64 mm bundles)  
**ZP/FAK-5L** (fits O.D. 48-89 mm bundles)  
**ZP/FAK-5LHT**<sup>1</sup> (fits O.D. 48-89 mm 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°C to 204°C. Includes: self vulcanizing tape and RTV sealant. Contains materials for six (6) terminations.  
**FAK-7-HT/HTX** is rated -40°C to 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 49 mm O.D. bundles) Sleeve  
**FAK-10B** (fits up to 49 mm O.D. bundles) 2- Hole  
**FAK-10C** (fits up to 60 mm O.D. bundles) 3- Hole  
**FAK-10AUT** (fits up to 89 O.D. bundles) Contact Factory

### Electronic Controllers

**TraceNet** is a control and monitoring system with touch screen 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 each. Product is rated for exposure temperatures of -40°C to 140°C.

**Terminator ECM** is an adjustable electronic controller that permits two RTD sensors, one for use as a limiter. The ECM requires 100Ω RTD (PT100/3 wire) Sensor(s) and can be mounted to TubeTrace using Thermon FAK 1, 2, 4 or 5 kits. Tube fittings not included. (PETK termination kit for electric heat tracing required, order separately).

### Mechanical Controllers

The Terminator ZT is designed for use as adjustable control thermostats for freeze protection and temperature maintenance applications requiring pipewall or tankwall sensing. Each thermostat is available in four temperature control and bulb exposure temperature ranges. The Terminator ZT has a flexible capillary and can be mounted to TubeTrace using Thermon FAK 1, 2, 4 or 5 kits. Tube fittings not included. (PETK termination kit for electric heat tracing required, order separately).

### In-Line Splice Kits

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

**FAK-4** (fits O.D. 29-64 mm bundles)  
**FAK-4L** (fits O.D. 48-89 mm bundles)  
**FAK-4LHT**<sup>1</sup> (fits O.D. 48-89 mm 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 ZP/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).

**ZP/FAK-4** (fits O.D. 29-64 mm bundles)  
**ZP/FAK-4L** (fits O.D. 48-89 mm bundles)  
**ZP/FAK-4LHT**<sup>1</sup> (fits O.D. 48-89 mm bundles)

### In-Line Splice Kits (cont'd.)

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

**ZS/FAK-4** (fits O.D. 29-64 bundles)  
**ZS/FAK-4L** (fits O.D. 48-89 mm bundles)  
**ZS/FAK-4LHT**<sup>1</sup> (fits O.D. 48-89 mm bundles)  
Tube fittings not included. (SCTK termination kit for electric heat tracing required, order separately).

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

**FAK-8** (203-203 mm)  
**FAK-8L** (203-2438 mm)  
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 60°C for high temperature bundles up to 593°C