



## PRODUCT SPECIFICATIONS

# TubeTrace<sup>®</sup> and ThermoTube<sup>®</sup>

## ACCESSORIES

### TERMINATION AND SEAL KITS

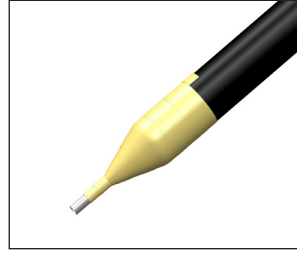
#### Self-vulcanizing Seal Kit

Designed to make a waterproof seal over the end termination of TubeTrace or ThermoTube. No heat guns or special tools are needed for installation. Product is rated -54°C—204°C (-65°F— 400°F).

Kit components include:

- Self-vulcanizing silicone rubber tape
- RTV sealant

Each kit contains sufficient materials for approximately six (6) terminations.



Note: Heater cable end terminations and electrical junction box assemblies must be purchased separately.

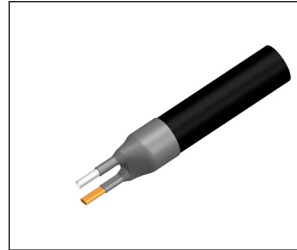


FAK-7

#### Heat Shrink Seal Kits

Designed to provide a watertight seal over the end of TubeTrace or ThermoTube. Temperature rating -55°C—135°C (-67°F—273°F).

Description	# Legs	Base I.D. mm (inch)		Legs I.D. mm (inch)		Bundle Max. O.D. mm (inch)	Maximum Exposure Temp. °C (°F)
		Before Shrinkage	After Shrinkage	Before Shrinkage	After Shrinkage		
FAK-10-A	1	50.8 (2)	9.53 (.375)	50.8 (2)	9.53 (.375)	49.53 (1.95)	135 (275)
FAK-10-B	2	43.18 (1.7)	22.86 (.9)	25.4 (1)	7.62 (.3)	41.91 (1.65)	135 (275)
FAK-10-C	3	60.96 (2.4)	33.02 (1.3)	31.75 (1.25)	10.92 (.43)	59.69 (2.35)	135 (275)
FAK-10-A-400	1	50.8 (2)	9.53 (.375)	50.8 (2)	9.53 (.375)	49.53 (1.95)	204 (400)



FAK-10

### SPLICE KITS

#### In-Line Splice Kit

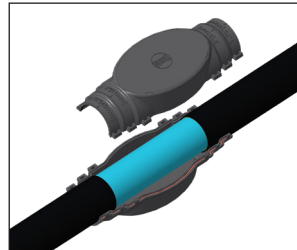
Designed to make a weatherproof seal over TubeTrace or ThermoTube splices.

**FAK-4** [fits 32 mm—51 mm (1-1/4"—2") O.D. bundles]

**FAK-4L** [fits 57 mm—89 mm (2-1/4"—3-1/2") O.D. bundles]

Kit components include:

- UV resistant nylon shell
- Glass fiber insulation tape
- Aluminum heat barrier tape
- Self-vulcanizing tape
- Silicone gasket
- RTV sealant



Note: Heat trace splice kits and tube fittings must be purchased separately.



FAK-4

#### Tee Splice Kit

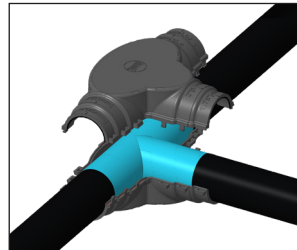
Designed to make a weatherproof seal over TubeTrace or ThermoTube splices.

**FAK-5** [fits 32 mm—51 mm (1-1/4"—2") O.D. bundles]

**FAK-5L** [fits 57 mm—89 mm (2-1/4"—3-1/2") O.D. bundles]

Kit components include:

- UV resistant nylon shell
- Glass fiber insulation tape
- Aluminum heat barrier tape
- Self-vulcanizing tape
- Silicone gasket
- RTV sealant



Note: Heater cable splice kits and tube fittings must be purchased separately.



FAK-5

#### 90° Elbow Seal Kit

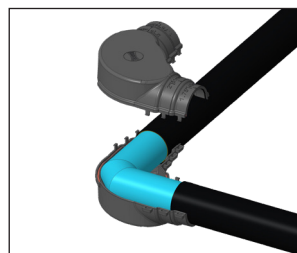
Designed to make a weatherproof seal over TubeTrace or ThermoTube elbow.

**FAK-2** [fits 32 mm—51 mm (1-1/4"—2") O.D. bundles]

**FAK-2L** [fits 57 mm—89 mm (2-1/4"—3-1/2") O.D. bundles]

Kit components include:

- UV resistant nylon shell
- Glass fiber insulation tape
- Aluminum heat barrier tape
- Self-vulcanizing tape
- Silicone gasket
- RTV sealant



Note: Tube fittings must be purchased separately.



FAK-2



PRODUCT SPECIFICATIONS

# TubeTrace® and ThermoTube®

## ACCESSORIES

### REPAIR/PATCH KITS

#### Repair/Patch Kit

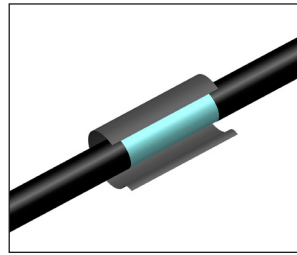
Designed to make a weatherproof seal over splices or outer cover repairs of TubeTrace or ThermoTube bundles.

**FAK-8** [203 mm x 203 mm (8" x 8") patch]

**FAK-8L** [203 mm x 2438 mm (8" x 96") patch]

Kit components include:

- Self-sealing thermoplastic glass fiber insulation
- Heat reflective tape
- Does not include tube fittings



Note: Heater cable splice kits and tube fittings must be purchased separately.



FAK-8

### CONTROL SENSOR KITS

#### Temperature Sensor/Thermostat Sensor Kit

Designed to make a weatherproof seal where it is necessary to install an RTD, thermocouple temperature sensor or a thermostat sensing bulb.

**FAK-4S Sensor Installation Kit** [fits 32 mm—51 mm (1-1/4"—2") O.D. bundles]

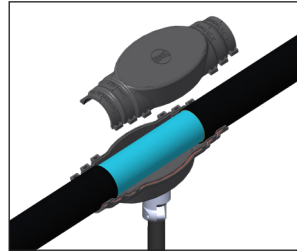
**FAK-4LS Sensor Installation Kit** [fits 57 mm—89 mm (2-1/4"—3-1/2") O.D. bundles]

**FAK-4T Sensor Installation Kit** [fits 32 mm—51 mm (1-1/4"—2") O.D. bundles]

**FAK-4LT Sensor Installation Kit** [fits 57 mm—89 mm (2-1/4"—3-1/2") O.D. bundles]

Kit components include:

- UV resistant nylon shell
- Glass fiber insulation
- Aluminum barrier tape
- Self-vulcanizing tape
- Silicone gasket
- Fitting designed to grip and seal around the thermostat capillary armor (FAK-4T and FAK-4LT only)
- Conduit connection fitting (3/4" NPT)
- RTV sealant



Note: Thermostat and sensors must be purchased separately.



FAK-4T

### ENCLOSURE/SHELTER BULKHEAD ENTRY KITS

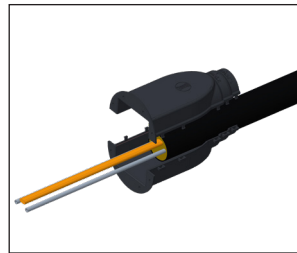
#### FAK-1 Surface Mounted Entry Kit

Designed to provide an effective transition when TubeTrace or ThermoTube must pass through a wall.

**FAK-1** [fits 32 mm—51 mm (1-1/4"—2") O.D. bundles]

Kit components include:

- UV resistant nylon shell
- Glass fiber insulation tape
- Aluminum heat barrier tape
- Self-vulcanizing tape
- Silicone gasket
- RTV sealant



FAK-1

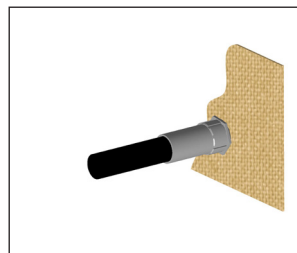
#### Bulkhead Entry Heat Shrink Seal

Provides an effective transition and strain relief when TubeTrace or ThermoTube passes through a wall 25.4 mm (1") thick or less.

Temperature rating: -55°C—135°C (-67°F—273°F)

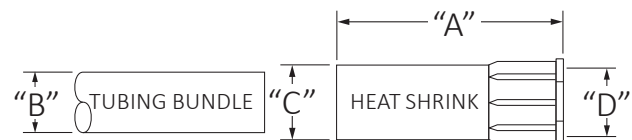
Kit components include:

- Heat-shrinkable bulkhead entry
- "O"-ring gasket
- Factory applied sealant



FAK-9

Catalog No.	"A" Overall Nom. Length mm (inch)	"B" TubeTrace Max. O.D. mm (inch)	"C" I.D. After Shrinkage mm (inch)	"D" Drill Size mm (inch)	Maximum Exposure Temp. °C (°F)
FAK-9S	101.6 (4)	40.6 (1.6)	19 (.75)	51.0 (2)	135 (275)
FAK-9	152.4 (6)	53.3 (2.1)	19 (.75)	60.325 (2.375)	135 (275)
FAK-9L	177.8 (7)	73.4 (2.9)	36.3 (1.43)	89 (3.5)	135 (275)
FAK-9LX	292.1 (11.5)	95 (3.75)	38.1 (1.5)	115 (4.5)	135 (275)



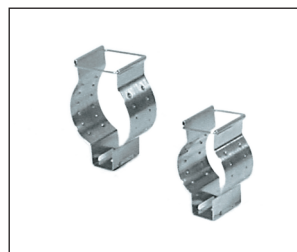
### FASTENING AND CLAMPING

#### LCF Clamps

Designed to provide support for ThermoTube or TubeTrace installations.

**LCF 1-1/4"** [for bundles up to 35 mm (1-3/8") O.D.]

**LCF 1-5/8"** [for bundles up to 44.5 mm (1-3/4") O.D.]



LCF