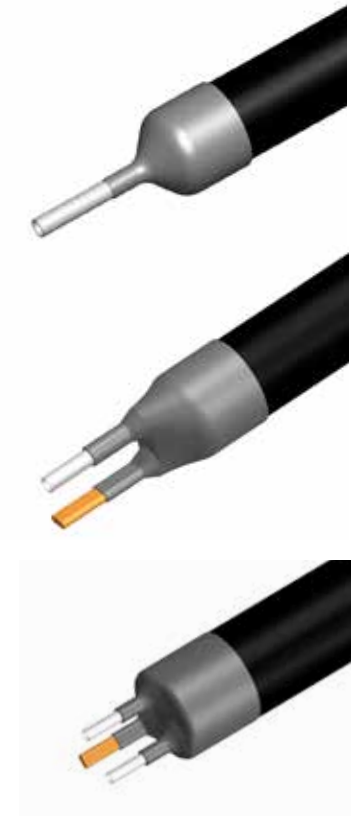
FAK-10A-B-C: Heat Shrink Seal for Tubing Bundles

INSTALLATION PROCEDURES



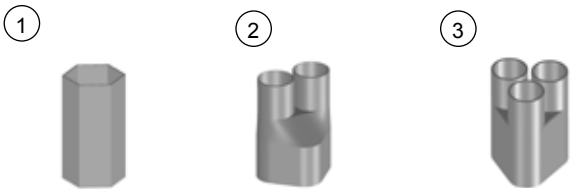
FAK-10A-B-C: Heat Shrink Seal

The FAK-10A-B-C: Heat Shrink Seals are designed to make a waterproof seal over the end of TubeTrace or ThermoTube tubing bundles. Kit will make one end seal. See separate instructions for details on terminating heat tracing.

Receiving, Storing and Handling . . .

1. Upon receiving heat shrink seal, check to make sure the proper type has been received.
2. Inspect materials for damage incurred during shipping.
3. Report damages to the carrier for settlement.

FAK-10A-B-C: Heat Shrink Seal . . .



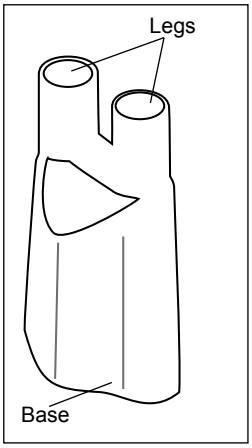
FAK-10A-B-C: Heat Shrink Seal Contents. . .

Item	Quantity	Description
1	1	FAK-10A Single Leg Heat Shrink Seal
2	1	FAK-10B Two Leg Heat Shrink Seal
3	1	FAK-10C Three Leg Heat Shrink Seal

Notes:

1. For single tube (ThermoTube) products with process temperatures between 126°C to 204°C (258°F to 400°F) use the FAK-10A-400. For applications above 204°C (400°F) refer to FAK-7HTS options.

Description	# Legs	Base I.D. inch (mm)		Legs I.D. inch (mm)		Bundle Max. O.D. in. (mm)	Product Maximum Exposure Temp. °F (°C)
		Before Shrinkage	After Shrinkage	Before Shrinkage	After Shrinkage		
FAK-10-A	1	2.00 (50.8)	0.375 (9.53)	2.00 (50.8)	0.375 (9.53)	1.95 (49.53)	257 (125)
FAK-10-B	2	1.70 (43.18)	.90 (22.86)	1.00 (25.4)	0.30 (7.62)	1.65 (41.91)	257 (125)
FAK-10-C	3	2.40 (60.96)	1.30 (33.02)	1.25 (31.75)	0.43 (10.92)	2.35 (59.69)	257 (125)



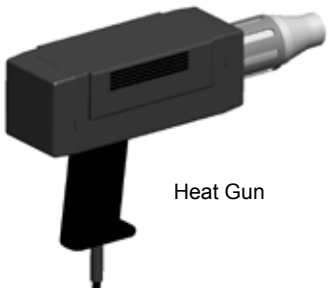
Applications . . .

1. Thermon FAK-10A Heat Shrink Seal is to be used on bundles up to 50 mm (1.95”) diameter and single tube 20 mm (3/4”).
   Note: Maximum Exposure Temperature 275°F (135°C)[1].
2. Thermon FAK-10B Heat Shrink Seal is to be used on SE or SP bundles up to 50 mm (1.95”).
   Note: Maximum Exposure Temperature 275°F (135°C).
3. Thermon FAK-10C Heat Shrink Seal is to be used on ME or MP bundles up to 59.5mm (2.35”).
   Note: Maximum Exposure Temperature 275°F (135°C).

Installation Precautions . . .

- Keep ends of tube bundles, heat tracing and kit components dry before and during installation.
- For SE/ME electrically heated tubing de-energize all power sources before addressing circuit termination and power connection.
- Component approvals and performance ratings are based on the use of Thermon specified parts only. User supplied power connection fittings must be listed or certified for intended use.
- To minimize the potential for arcing in TubeTrace SE/ME bundles. The National Electrical Code (NEC) and Canadian Electrical Code (CEC) require ground-fault protection of equipment for each branch circuit supplying electric heat tracing.
- Installation must comply with Thermon requirements and be installed in accordance with the NEC, CEC, or any applicable national and local codes.
- Individuals installing these products are responsible for complying with all applicable safety and health guidelines. Proper Personal Protective Equipment (PPE) should be utilized during installation. For additional information, contact Thermon.

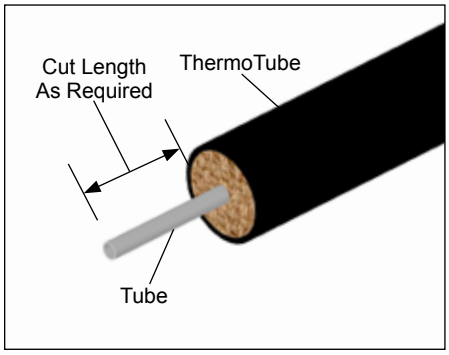
Tools Required . . .



Heat Gun

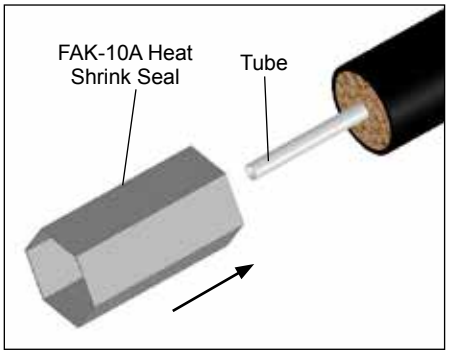
Utility Knife

FAK-10A . . .

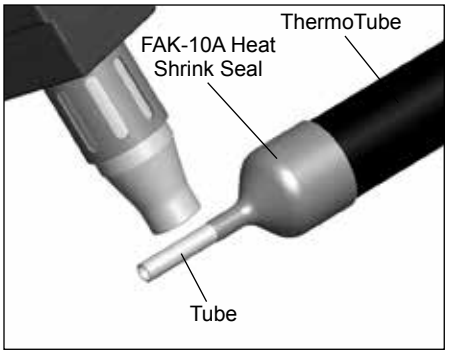


1A. Cut back jacket and insulation to expose desired tube length.

Note:
For SE/ME bundles, laying the heat trace back on the TubeTrace jacket may require additional precautions for sealing. Consider applying Thermon RTV-2 adhesive (PN54004) to prevent moisture intrusion or the FAK-10B (see step 2B).

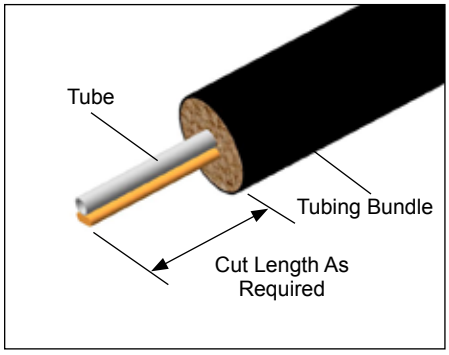


2A. Place the heat shrink seal over the end of the tube bundle and apply heat to shrink.

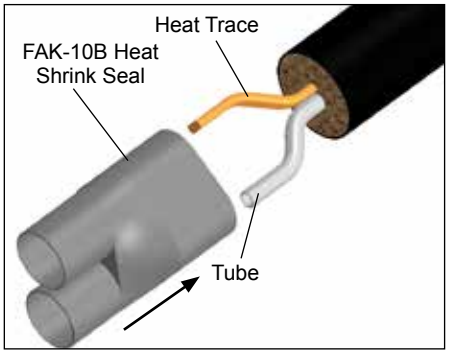


3A. Heat until heat shrink seal is conformed and sealed to tube bundle outer jacket and tubing.

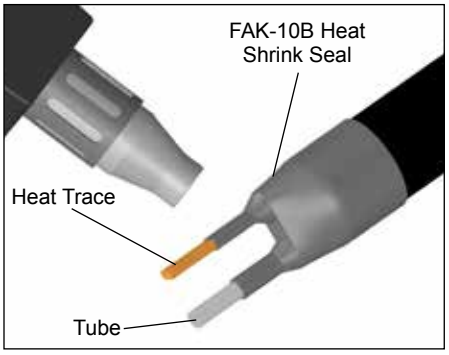
FAK-10B . . .



1B. Cut back jacket and insulation to expose desired tube length.

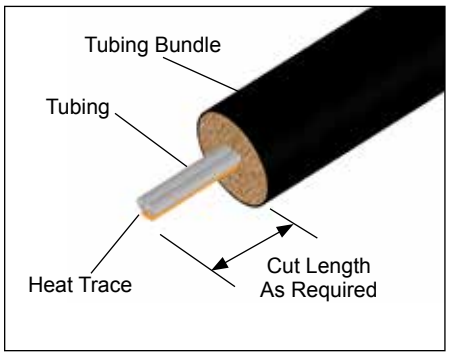


2B. Place the heat shrink seal over the end of the tube bundle and apply heat to shrink.

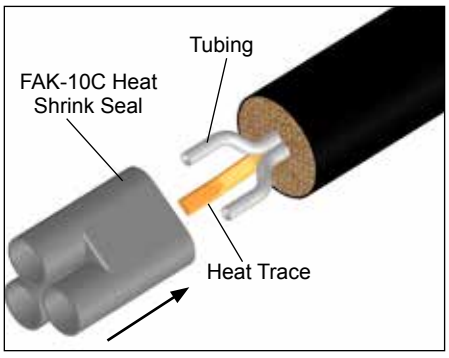


3B. Heat until heat shrink seal is conformed and sealed to tube bundle outer jacket and tubing.

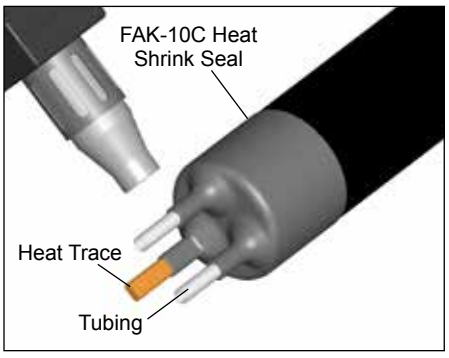
FAK-10C . . .



1C. Cut back jacket and insulation to expose desired tube length.



2C. Place the heat shrink seal over the end of the tube bundle and apply heat to shrink.



3C. Heat until heat shrink seal is conformed and sealed to tube bundle outer jacket and tubing.

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