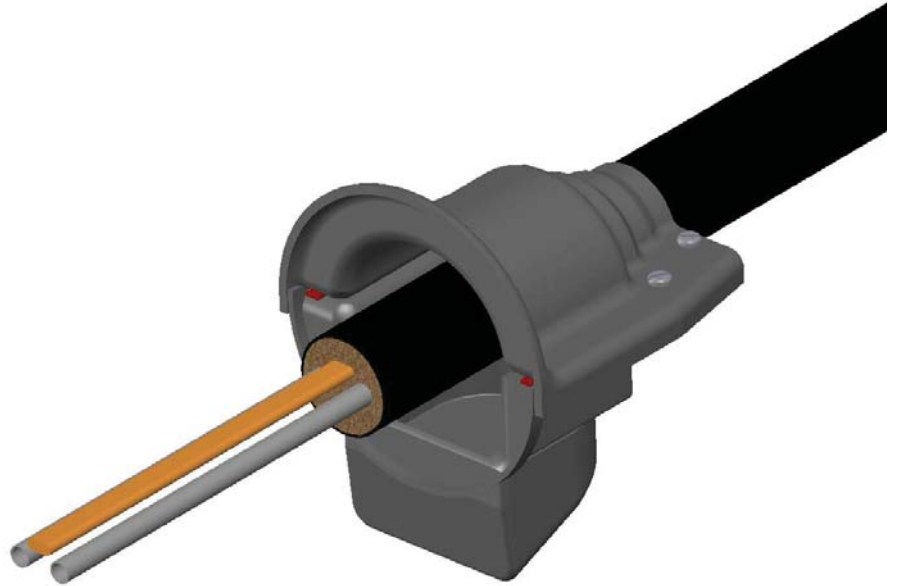


# FAK-1: Split Bulkhead Entry Kit for Tubing Bundles

## INSTALLATION PROCEDURES



**The Heat Tracing Specialists®**

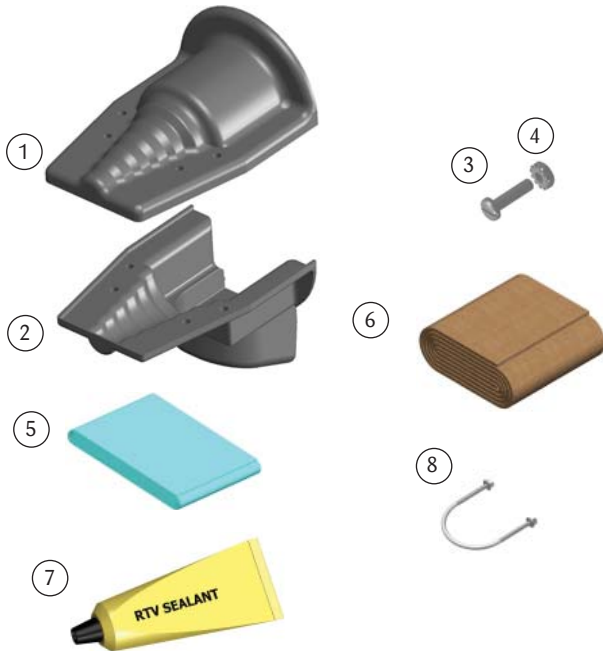
# FAK-1: Split Bulkhead Entry Kit

The following installation procedures are suggested guidelines for the installation of the FAK-1:

## Receiving, Storing and Handling . . .

1. Inspect materials for damage incurred during shipping.
2. Report damages to the carrier for settlement.
3. Identify parts against the packing list to ensure the proper type and quantity has been received.
4. Store in dry location.

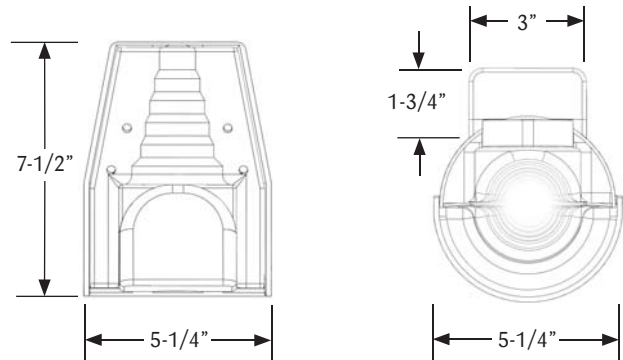
## FAK-1: Split Bulkhead Entry Kit . . .



## FAK-1: Bulkhead Kit Contents . . .

Item	Quantity	Description
1	1	Bulkhead Entry Cover (Top)
2	1	Bulkhead Entry Cover (Bottom)
3	4	Pan-Head S.S. Screws, #10-32 x .75
4	4	Kept S.S. Nuts, #10-32
5	1	Heat Reflective Tape
6	1	Glass Fiber Tape
7	3	RTV Sealant Tube
8	1	U-Bolt, Washers and Nuts

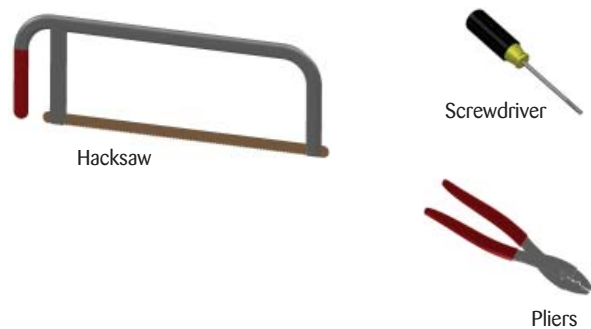
## Dimensions . . .



## If Electrically Heat Traced

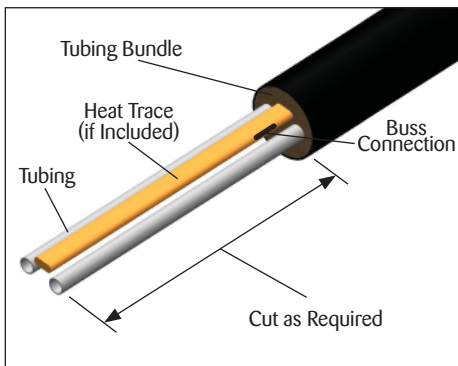
- To minimize the potential for arcing on electric heat tracing and fire caused by product damage or improper installation use ground-fault protection, the National Electrical Code (NEC) and Canadian Electrical Code (CEC) require ground-fault protection of equipment for each branch circuit supplying electric heat tracing.
- Installation must comply with Thermon requirements and be installed in accordance with applicable national and local codes.
- 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.
- De-energize all power sources before opening enclosure.
- Keep ends of bundles, heat tracing and kit components dry before and during installation.
- Individuals installing these products are responsible for complying with all applicable safety and health guidelines. Proper personal protective equipment, or PPE, should be utilized during installation. Contact Thermon if you have any additional questions.

## Tools Required . . .

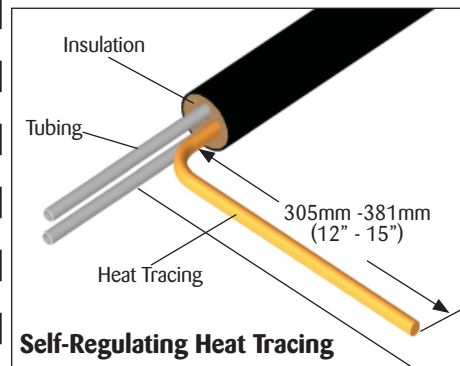


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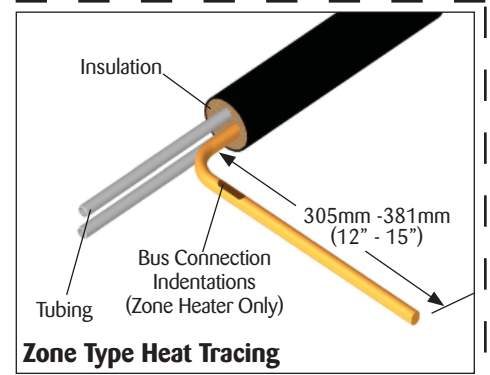
# INSTALLATION PROCEDURES



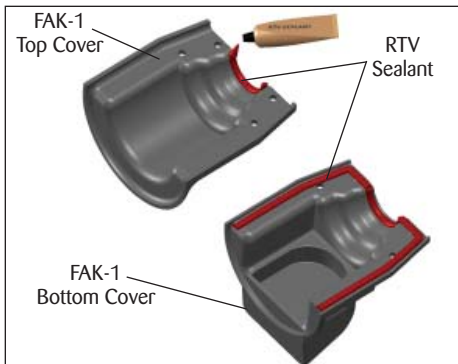
**1.** Strip back bundle insulation 38mm (1-1/2") to 76mm (3") beyond bus connection heat tracing. If bus connection indentation is less than 305mm (12")-381mm (15") from end of the heat tracing, proceed stripping the bundle insulation to the next indentation.



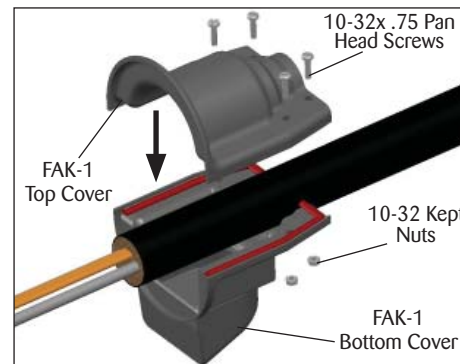
**2.** Trim heat tracing to within 305mm - 381mm (12" - 15") of the end of the insulation. If self regulating heat trace proceed to step 3. For Zone-type heat trace continue with identification of bus connection on step 2a.



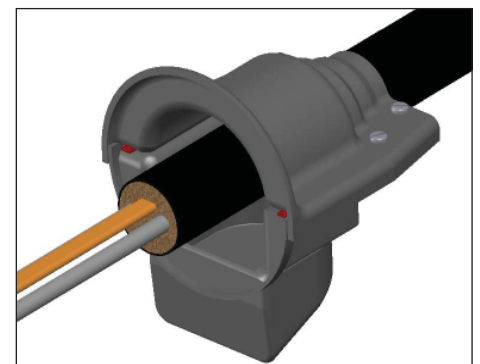
**2a.** Strip back bundle insulation 38mm (1 1/2") to 76mm(3") beyond bus connection heat tracing. If bus connection indentation is less than 305mm (12")-381mm (15") from end of the heat tracing, proceed stripping the bundle insulation to the next indentation.



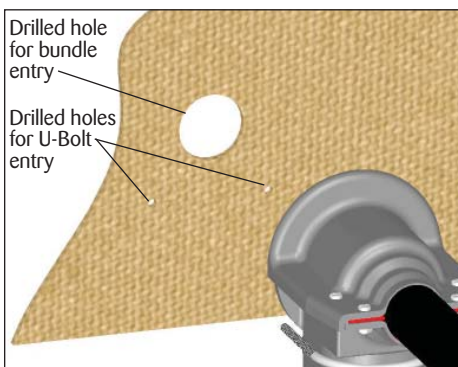
**3.** Form a gasket by applying RTV sealant to bottom half of Bulkhead Entry cover and along radius of upper half.



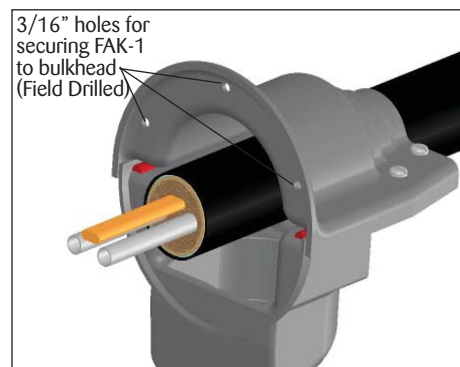
**4.** Fit tubing bundle to bottom half of cover and install top half. Screw down firmly.



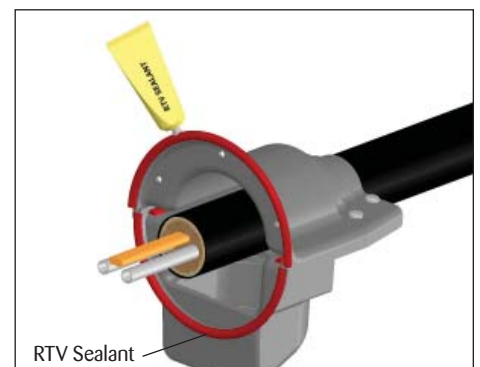
**5.** Inspect ends of tubing cover for snug fit. Apply additional RTV sealant where needed.



**6.** Drill hole matching bundle diameter into bulkhead. Mark location for U-Bolt entry and drill 1/4" (7mm) holes through bulkhead.

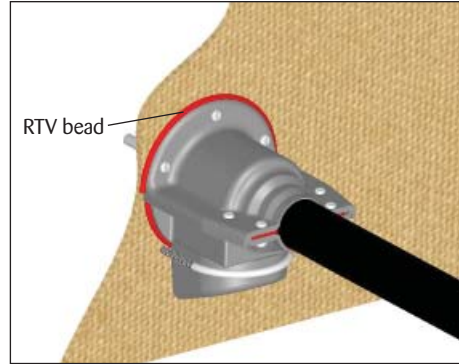
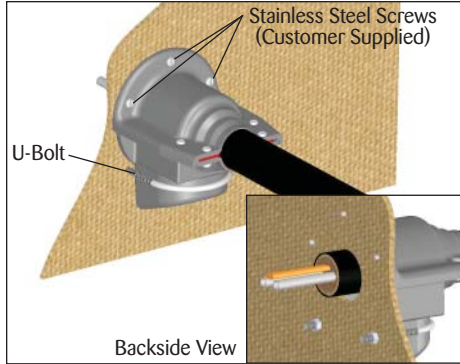


**7.** Pre-drill FAK-1 with 3/16" (5mm) holes for securing FAK-1 to bulkhead.



**8.** Apply RTV bead to back of FAK-1 flange prior to securing to bulkhead.

# FAK-1: Split Bulkhead Entry Kit



- Secure FAK-1 to bulkhead using (3) three stainless steel screws (customer supplied) and U-Bolt as shown. Complete tubing and heat trace connections or termination.
- Apply RTV bead around FAK-1 flange. Completed FAK-1 kit.



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Specifications and information are subject to change without notice. Form PN50048-1012

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