PRODUCT SPECIFICATIONS

SafeTrace® ISOLATED STEAM TRACING
ThermoTube® PRE-INSULATED TUBING

ACCESSORIES

TERMINATION AND SEAL KITS

Self-vulcanizing Seal Kit
is designed to make a waterproof seal over the end of SafeTrace or ThermoTube. No heat guns or special tools are needed for installation. Product is rated from -40°F (-40°C) to 400°F (204°C).

Kit components include:
• Self-vulcanizing silicone rubber tape
• RTV sealant
Each kit contains sufficient materials for approximately six (6) terminations.

SPLICE KITS (Standard kits not intended for -HT and -HTX high temperature bundles*)

In-Line Splice Kit
is designed to make a weatherproof seal over SafeTrace or ThermoTube splices.
FAK-4
(fits 1-1/8" to 2-1/2" O.D. bundles)
FAK-4L
(fits 1-7/8" to 3-1/2" O.D. bundles)

Kit components include:
• UV resistant ABS shell
• Glass fiber insulation tape
• Aluminum heat barrier tape
• Stainless steel fasteners
• RTV sealant

Note . . . Electrical heat trace end-terminations and junction box assemblies (if included for TubeTrace SE/ME type heated tube bundles) must be purchased separately.

Tee Splice Kit
is designed to make a waterproof seal over SafeTrace or ThermoTube splices.
FAK-5
(fits 1-1/8" to 2-1/2" O.D. bundles)
FAK-5L
(fits 1-7/8" to 3-1/2" O.D. bundles)

Kit components include:
• UV resistant ABS shell
• Glass fiber insulation tape
• Stainless steel bolts and nuts
• RTV sealant

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

90° Elbow Transition Kit
is designed to make a waterproof seal over SafeTrace or ThermoTube splices.
FAK-2
(fits 1-1/8" to 2-1/2" O.D. bundles)
FAK-2L
(fits 1-7/8" to 3-1/2" O.D. bundles)

Kit components include:
• UV resistant ABS shell
• Glass fiber insulation tape
• Stainless steel bolts and nuts
• RTV sealant

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

TERMINATION AND SEAL KITS

Self-vulcanizing Seal Kit
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Kit components include:
• Self-vulcanizing silicone rubber tape
• RTV sealant
Each kit contains sufficient materials for approximately six (6) terminations.

Note . . . Electrical heat trace end-terminations and junction box assemblies (if included for TubeTrace SE/ME type heated tube bundles) must be purchased separately.

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

Kit components include:
• UV resistant ABS shell
• Glass fiber insulation tape
• Aluminum heat barrier tape
• Stainless steel fasteners
• RTV sealant

Note . . . Electrical heat trace end-terminations and junction box assemblies (if included for TubeTrace SE/ME type heated tube bundles) must be purchased separately.

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

Kit components include:
• UV resistant ABS shell
• Glass fiber insulation tape
• Stainless steel bolts and nuts
• RTV sealant

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

Kit components include:
• UV resistant ABS shell
• Glass fiber insulation tape
• Stainless steel bolts and nuts
• RTV sealant

Note . . . Tube fittings must be purchased separately.
REPAIR/PATCH KITS

Repair/Patch Kit . . . is designed to make a waterproof seal over splices or outer cover repairs of SafeTrace or ThermoTube bundles.

FAK-8 (8" X 8" patch)
FAK-8L (8" X 96" patch)

Kit components include:
- Self-sealing rubber/fiber glass reinforced thermoplastic
- Glass fiber insulation
- Heat reflective tape
- Does not include tube fittings, if required

Note . . . Heat trace splice kits and tube fittings, if required, must be purchased separately.

ENCLOSURE/SHELTER ENTRY KITS

FAK-1 “Split Entry” Surface Mounted Entry Kit
is designed to provide an effective transition when SafeTrace or ThermoTube must pass through an enclosure or shelter wall.

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

Kit components include:
- UV resistant ABS shell
- Glass fiber insulation tape
- Aluminum foil tape
- Stainless steel bolts and nuts
- RTV sealant

FAK-9 Bulkhead Entry Heat Shrink Seal provides an effective transition and strain-relief when SafeTrace or ThermoTube passes through a wall 1" thick or less.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>“A” Overall Nom. Length in. (mm)</th>
<th>“B” Bundle Max. O.D. in. (mm)</th>
<th>“B” Drill Size in. (mm)</th>
<th>“C” I.D. After Shrinkage in. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAK-9S</td>
<td>4.00 (101.6)</td>
<td>1.60 (40.6)</td>
<td>2 (51.0)</td>
<td>0.75 (19.0)</td>
</tr>
<tr>
<td>FAK-9</td>
<td>4.75 (120.7)</td>
<td>2.10 (53.3)</td>
<td>2.4 (60.0)</td>
<td>0.75 (19.0)</td>
</tr>
<tr>
<td>FAK-9L</td>
<td>7.00 (177.8)</td>
<td>2.90 (73.4)</td>
<td>3.5 (89.0)</td>
<td>1.43 (36.3)</td>
</tr>
<tr>
<td>FAK-9LX</td>
<td>11.50 (292.1)</td>
<td>3.75 (95.0)</td>
<td>4.5 (115.0)</td>
<td>1.50 (38.1)</td>
</tr>
</tbody>
</table>

FASTENING AND CLAMPING

FT-1H fixing tapes for attaching SafeTrace to piping every 12” (30 cm) or as required.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Temperature Maximum</th>
<th>Min. Install Temperature</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT-1H</td>
<td>500°F</td>
<td>-40°F</td>
<td>1/2&quot; x 108’</td>
</tr>
</tbody>
</table>

LCF Clamps are designed to provide support for ThermoTube installations.

LCF 1-1/4”
(for up to 1-3/8” O.D. bundles)

LCF 1-5/8”
(for up to 1-3/4” O.D. bundles)