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Tee/Splice Kit With Junction Box



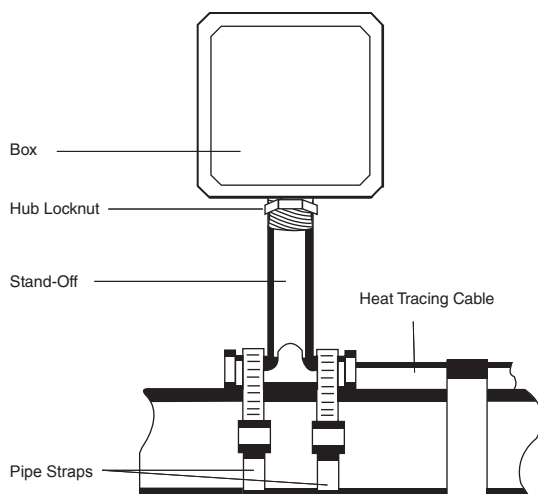
DESCRIPTION

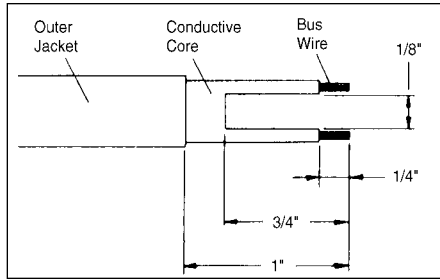
The Pro-Therm STK-P Tee/Splice Junction Box kit is supplied with all necessary components to install the unit onto a pipe quickly and easily.

STK-P FEATURES

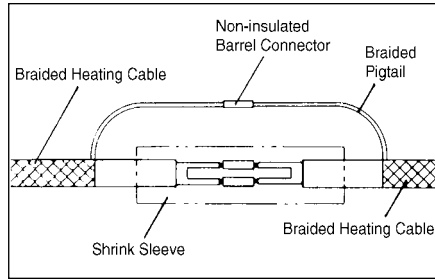
- NEMA 4X Enclosure
- High UV Resistant Polycarbonate
- 5"x 5"x3" Enclosure Provides Room To Make Connections
- Vibration Resistant
- Suitable For Wet Locations
- 120, 208, 240, Or 277 VAC Operation

Large Pipe Straps (2) Fits up to 6" Outside Diameter Pipes
Polycarbonate Junction Box (5" x 5" x 3")
5" High Standoff Pipe
Butt Connectors (6)
Ground Screw
4" of .5" Diameter Heat Shrink
Silicone Sealant

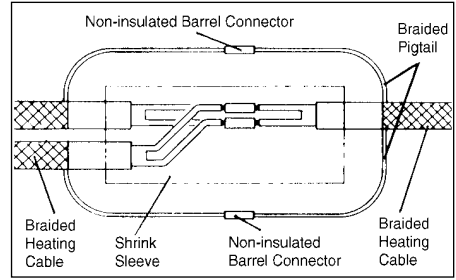




Detail 2.



Detail 3.



Detail 4.

MAKING AN IN-LINE SPLICE

1. Remove 4" of any optional overjacket.
2. Unravel 4" of any optional braiding. Twist the braiding into a pigtail, then trim the pigtail to remove the tapered end. Refer to Detail 2.
3. Strip the cables according to the diagram above. Refer to Detail 2.
4. Slide the shrink sleeve over one of the heating cables.
5. Using 14-16 AWG insulated barrel connectors, connect the two cables. Refer to Detail 3.
6. Cover the entire splice area with silicone sealant.
7. Center the shrink sleeve over the barrel connectors, leaving the braided pigtails uncovered. Refer to Detail 3.
8. Apply heat to shrink the sleeve.
9. Using a 10-12 AWG non-insulated barrel connector, connect the braided pigtails. Refer to Detail 3.
10. Using fiberglass tape (not supplied), fasten the heating cable to the pipe.
11. Fill pipe standoff tube with silicone for further protection.

MAKING A T-SPLICE

1. Remove 4" of any optional overjacket.
2. Unravel 4" of any optional braiding. On the single cable, separate the braiding into two equal strands, then twist the strands into pigtails. On the other cables, twist the braiding into pigtails. Trim all four pigtails to remove the tapered ends.
3. Strip the cables according to the diagram to the left. Refer to Detail 2.
4. For the T-connection, twist together one bus wire from each of two parallel cables. Refer to Detail 4.
5. Slide the shrink sleeve over the single cable. Refer to Detail 4.
6. Using 10-12 AWG insulated barrel connectors, connect the three cables. Refer to Detail 4.
7. Cover the entire splice area with silicone sealant.
8. Center the shrink sleeve over the barrel connectors, leaving the braided pigtails uncovered. Refer to Detail 4.
9. Apply heat to shrink the sleeve.
10. Using 10-12 AWG non-insulated barrel connectors, connect the braided pigtails. Refer to Detail 4.
11. Using fiberglass tape (not supplied), fasten the heating cables to the pipe.

SALES & TECHNICAL SUPPORT

A full set of installation instructions are included with order. Please call 1-615-834-4044 with any questions.