

PT-T3SL PT AND PF SERIES

Low Temperature 3 Way (Tee) Splice Kit

Contents

QTY	DESCRIPTION
1	Connection Nipple (STK-AL1)
2	Pipe straps (DT-PS1-4)
3	#10 - 12 Insulated 3 way butt connectors
3	Silicone tape (4") (S/T-4)
1	Caution Label (CL-S)

GENERAL

PT-T3SL allows you to make one three way splice to the PT and PF series Powertrace constant wattage heater cable. The splice is meant to be located off the pipe in a junction box. The junction box is by others. This product has a TG temperature rating.

CABLE MARKERS

The cable markers for the PT cable are raised bumps on the cable edge. The markers on the PF cable may be raised bumps or slight depressions on the cable edge.

ITEMS REQUIRED BUT NOT SUPPLIED

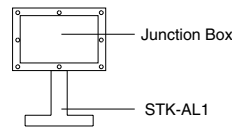
- Weather-tight junction box, with 3/4" NPT hubs.
- Silicone sealant (RTV).

TOOLS REQUIRED

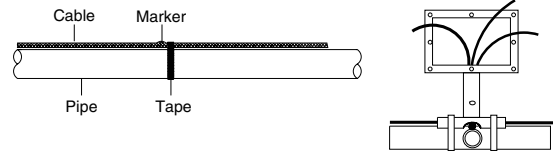
- Crimping Tool
- Wire Stripper/Cutter
- Utility Knife
- Screw Drivers
- Needle Nose Pliers
- Adjustable Wrench
- Measuring Tape

TERMINATING

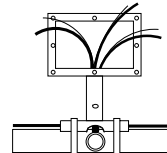
1. Install junction box over STK-AL1.



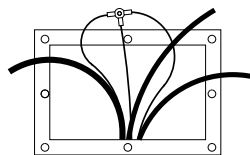
2. Locate heater zone markers. Cut cable 12" from the end of the marker. Pull the cable through the STK-AL1 into the junction box. (The last marker should remain fastened to the pipe.) Fasten the STK-AL1 to the pipe with pipe straps.



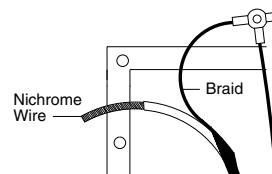
3. Comb the braid back 4" and twist into a conductor.



4. Crimp the ring connector to the braid and ground to the junction box.



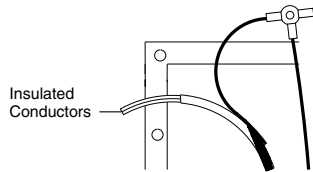
5. Remove 2" of the outer jacket from each cable.



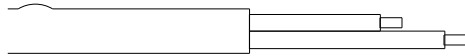


Warning: The PCK-PT/PF must be installed by a qualified electrician. All assembly, installation, and test instructions must be followed. Improper installation can result in property damage, serious injury, or death due to electric shock. Please call Delta-Therm Corporation at 1-800-526-7887 with any installation or operating questions.

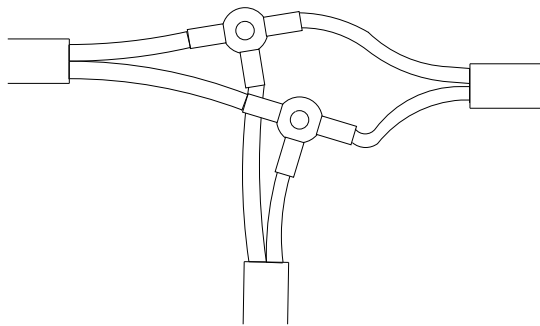
6. Remove all nichrome wire from the insulated conductors.



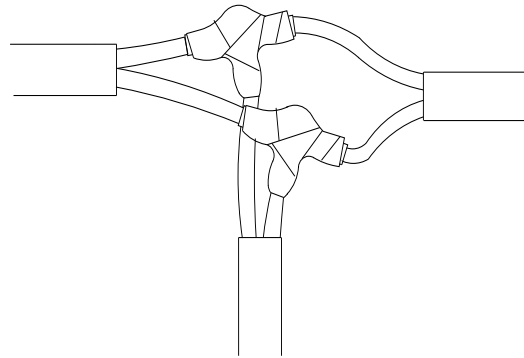
7. Cut back one of the heater cable conductors 5/8" so that the splices will be staggered. Strip the leads back 1/4" on the heater cable conductors.



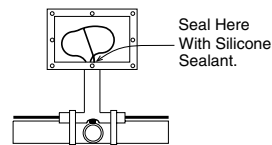
8. Using the 3 way butt splice, crimp the heaters together.



9. Insulate each 3 way butt splice from the other and ground.



10. Seal the entry from the connection nipple with silicone sealant (RTV). Insert the splice into the junction box and cover. Fasten the caution label (CL-S) to the junction box.



TECHNICAL SUPPORT

Please call Delta-Therm Corporation at 800-526-7887 with any installation or operating questions.