



Heat Trace Stripping Preparation Guide

STRIP INSULATION TUBE

1



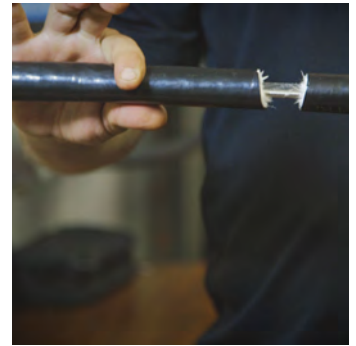
With the end of the heat trace bundle, measure from the sample point to the device (or 36" from end).

2



Score at mark. Do not cut through to the wires.

3



Bend and score to expose wires until outside wrap is completely separated.

4



Remove plastic sheath that holds the heat trace wire.

5



Choose your fitting. Strip outer black sheath to a point where the end of the stripping and inner ground shield is in the center of the hole. The Chico sealant and electrical fitting need to make contact.

STRIP HEAT TRACE BUNDLE

1



Score heat trace 6" from the end. Bend as needed to expose wires.

2



Score heat trace insulation jacket down the center to the end. Peel off insulation.

3



Collapse outer braided ground sheath. Compress and open a space between the braids. Remove the sheath from the wire by pulling the wire through the opening. Do not cut the wire.

4



Measure to the Pants (or Frog Legs) about 8" from the end of the white wire sheath (or termination point).

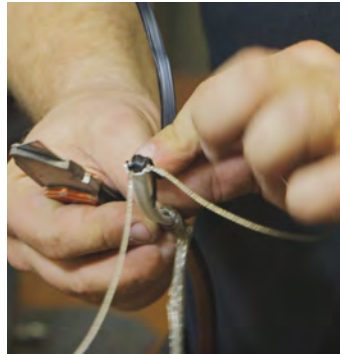
5



Score down the shield and completely separate wires encapsulated in the semiconductor.

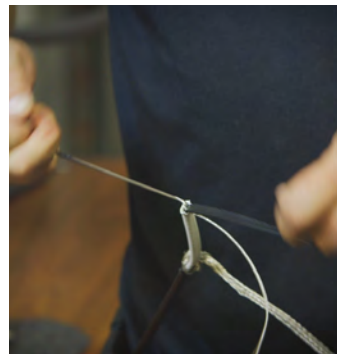
*Do not cut wires.

6

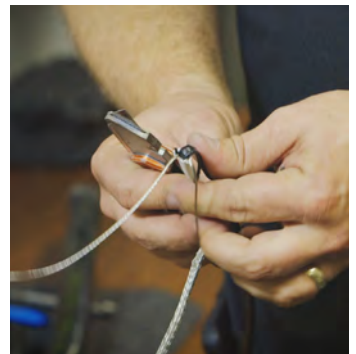


Remove excess sheath.

7



Expose inner wire and remove excess black sheathing.



8



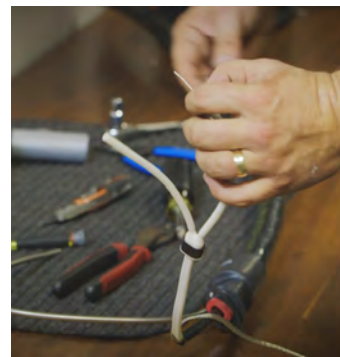
Once the wire is exposed, attach the pants (frog legs). Be sure to not lose any part of the fiber wire; you will need to start over if fiber is missed.

9



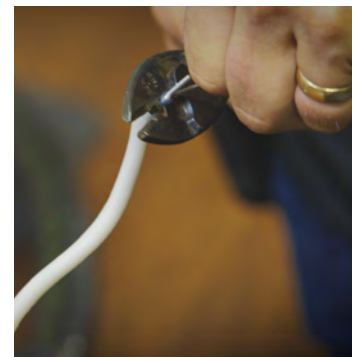
Move the pants all the way down until you can feel the semiconductor with your finger in the middle of the pants.

10



Once the wire is exposed, the tubes can be removed.

11



Insert each wire into a pin terminal. Crimp each terminal to secure.

12



Prepare the ground. Insert the braided ground into the green/yellow striped ground braid protector sleeve. Insert end into a spade lug and clamp to secure.

Analytically Accurate® **TECHNOLOGY**

About Mustang Sampling

Mustang Sampling, LLC is the innovator of Analytically Accurate® solutions within sample conditioning systems. We provide custom solutions of products and services globally to the Natural Gas, Natural Gas Liquids (NGL), and Liquefied Natural Gas (LNG) industries. Mustang Sampling continues to pioneer integrated control systems, allowing our customers to maintain phase stability from sample extraction at the source through sample analysis. Our products are continuously improved and subjected to the highest quality standards which provides our customers with the best sample conditioning solutions.

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