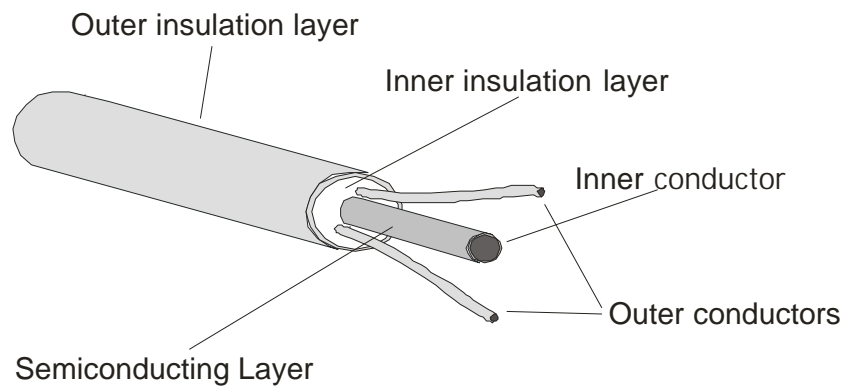


***The following are detailed instructions on how to terminate Livewire. These are not complete instructions, but are sufficient to determine if Livewire is suited to your purpose. If you have any questions, please contact us at the number above.***

### **3.2 LiveWire<sup>®</sup> Wire Termination**

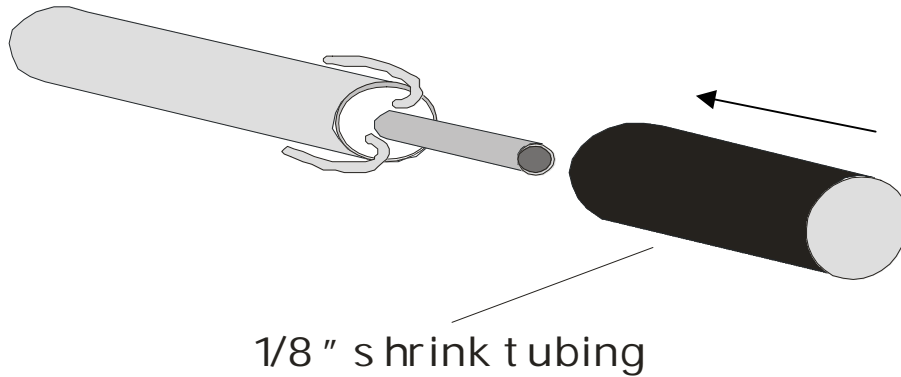
#### **3.2.1 Step 1:**

Strip 0.4" end of outer and inner insulation layers of the LiveWire<sup>™</sup> Wire.



**3.2.2 Step 2:**

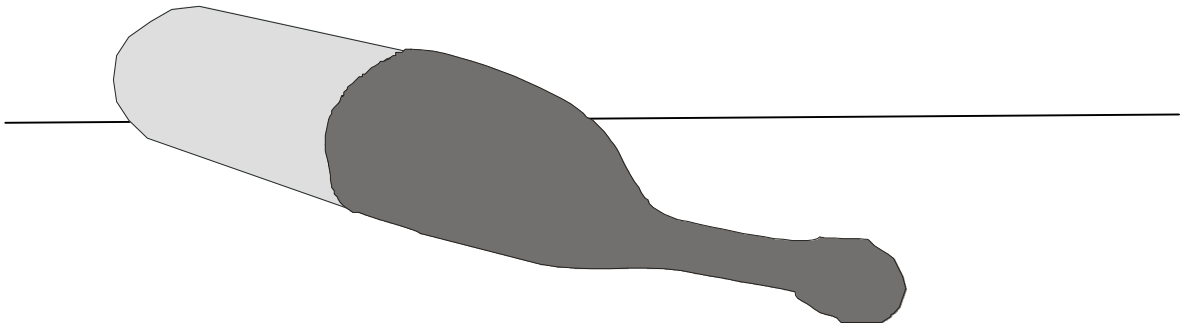
Peel back outer conductors and cut them off at the outer insulation step.  
Take a 1/8" shrink tubing (Cat. No. 82 041 00/1) supplied to you and place it over stripped end of the LiveWire™ Wire.



**3.2.3 Step 3:**

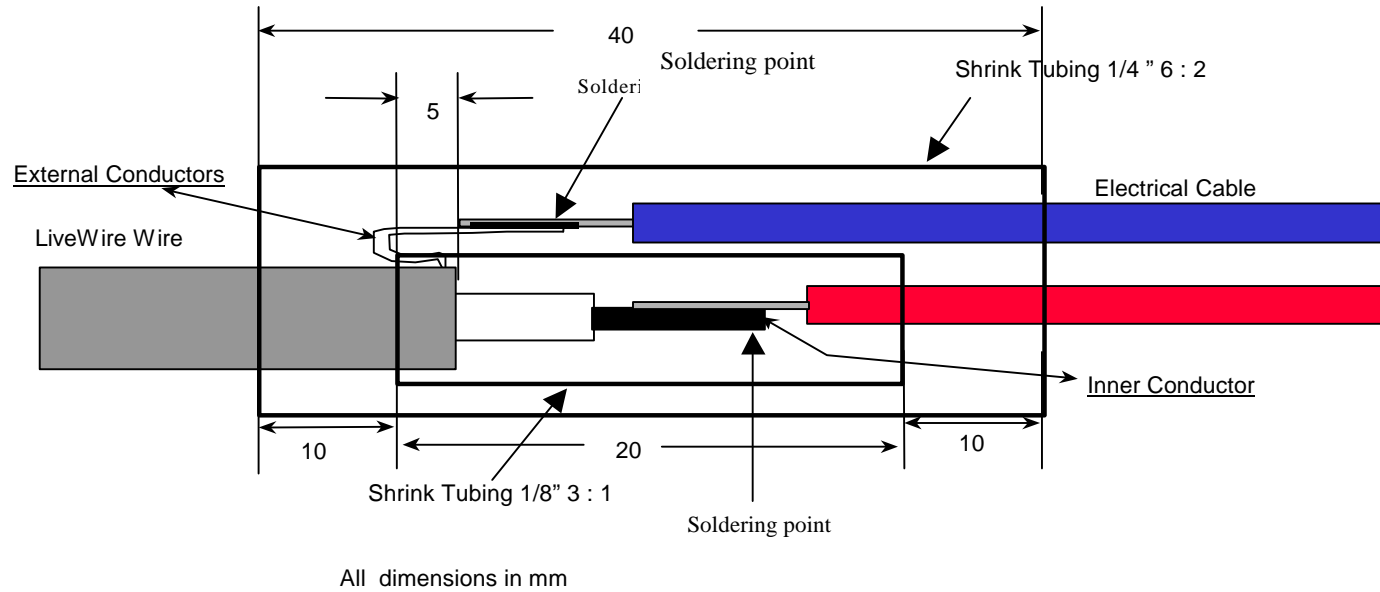
Use a heat gun to shrink the tubing.  
Leave a clearance of 0.2-0.4" of shrink tubing over the edge of LiveWire™ Wire so that you can clamp it seal tight (against humidity) with a flat pliers.

End product should look as follows:



### 3.3 LiveWire<sup>®</sup> Wire Connection to Electrical Cable

#### 3.3.1 Description of Connecting LiveWire<sup>®</sup> Wire to Electrical Cable



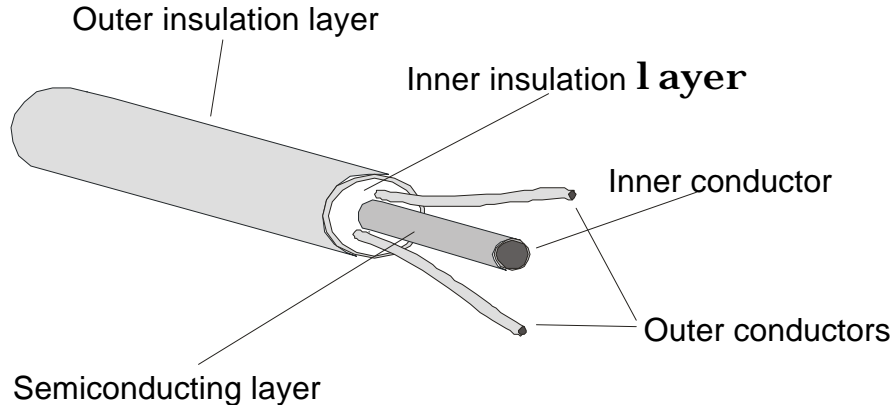
**LiveWire Enterprises**  
**P.O. Box 670081 Flushing, NY 11367**  
Phone: 718-544-4400 Fax: 718-575-3668

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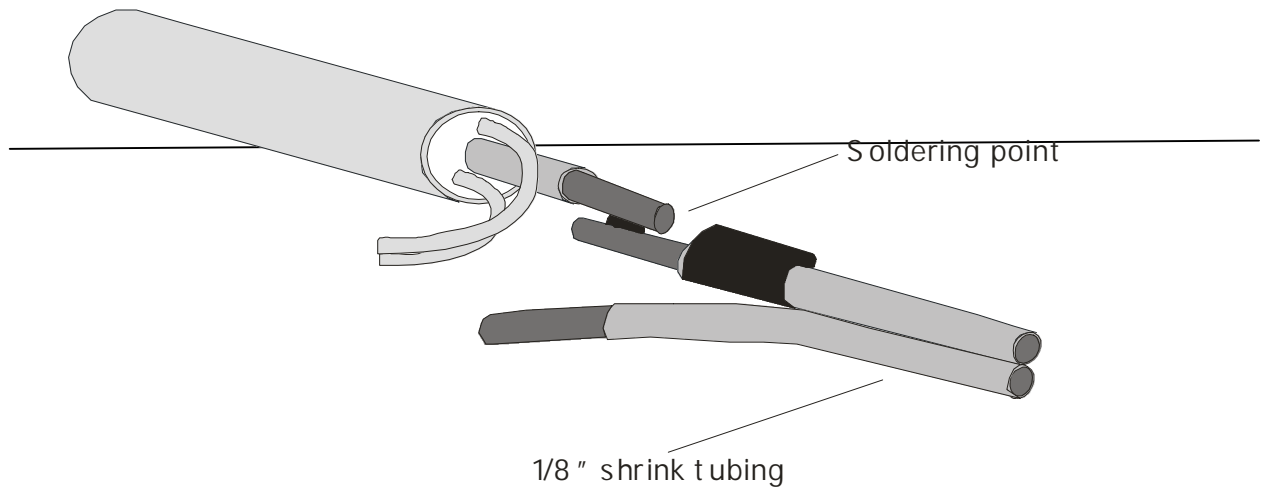
**3.3.2 Step 1:**

Strip 0.3-0.5'' of outer and inner insulation layers of the LiveWire™ Wire.



**3.3.2 Step 2:**

Slide a piece of 1/8'' shrink tubing over the electrical cable wires supplied (Cat. No.: 82 041 00/1).



### **3.3.3 Step 3:**

Solder the inner conductor of the LiveWire™ Wire to that conductor of the electrical cable.

#### **Attention!!**

Soldering of the LiveWire™ Wire should be done with minimal use of FLUX or other chemicals.

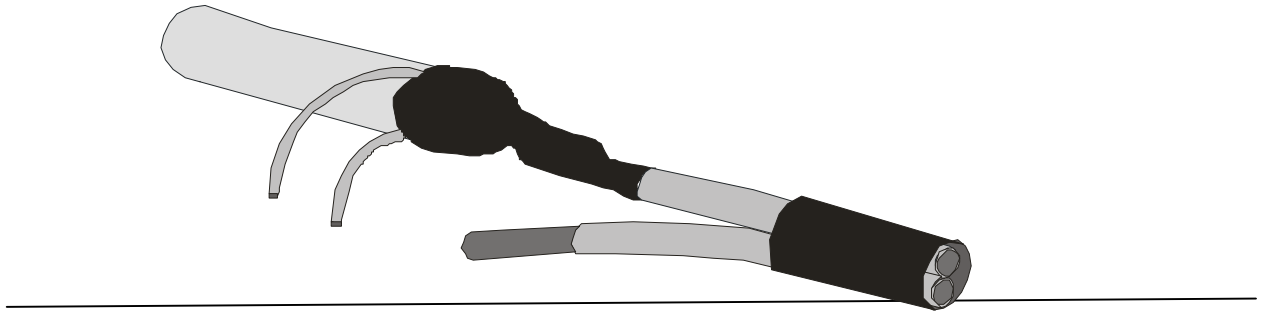
If, required - use very little FLUX and prevent the FLUX from getting in touch with the LiveWire™ Wire's coating layers.

Do not use aggressive - activated FLUX during soldering!!!

It may damage Wire internal layers. Standard core not activated fluxed wire solders are preferred for making the joints.

Slide the 1/8" shrink tubing over the soldered connection, and with the aid of a heatgun shrink the tubing.

The result should look like the following picture:



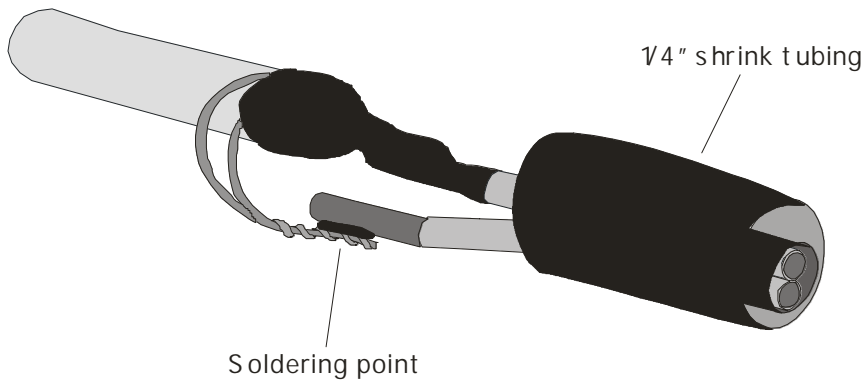
**3.3.4 Step 4:**

Join and twist the two thin outer conductors.

Solder the other lead of the electrical cable to the outer connector of the LiveWire™ Wire.

Be careful do not detach them - as they are delicate.

Slide another piece of ¼" shrink tubing supplied (Cat No.82 031 00/1) over the electrical cable.



**3.3.5 Step 5:**

Now, again, slide the ¼" shrink tubing over the connection and with the aid of the heat - gun shrink the tubing on top of the connection.

End product should look as follows:

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