

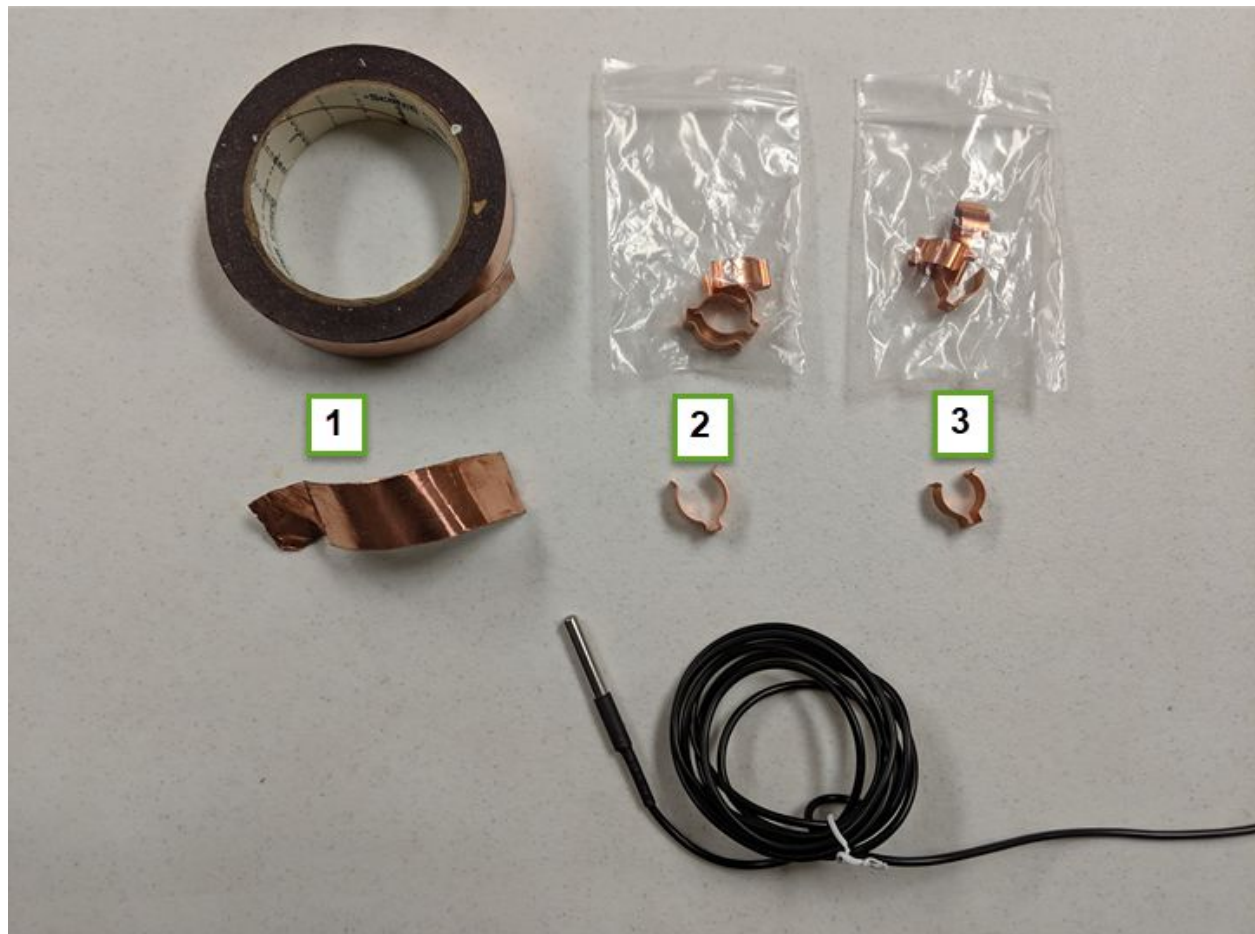
Mounting MLCxx Accessory Temperature probe

Summary:

This document provides suggestions for mounting the temperature probe accessory supplied with certain models of the Smartenit 30A and 40A load controllers. Although the methods described below are shown for water inlet or outlet pipes of a water heater, the preferred mounting method with copper foil tape can also be applied to mounting the probe directly on the tank surface. Given the universal nature of this accessory, this document is not exhaustive, nor purports to encompass all possible applications of the load controller.

Possible mounting of the probe on water heaters:

The picture below shows three potential ways to mount the probe. Copper clamps (1) and (2) display sizes commonly available for ½" and ¾" copper pipes, as found on the inlet and outlet ports of water heaters. The copper tape (1) is preferable as it is commonly available and provides the most flexibility. An example of this tape can be [found here](#).



Preferred Method For Sensing Outlet Pipe Temperature

The picture below shows a simple way to mount the probe with copper tape to a $\frac{3}{4}$ " pipe. This is done with a 6" length of tape that provides several turns around the probe and pipe for a durable and thermally effective connection. The outlet pipe is usually covered with thermal foam insulation so this method has minimum interference with the foam.

