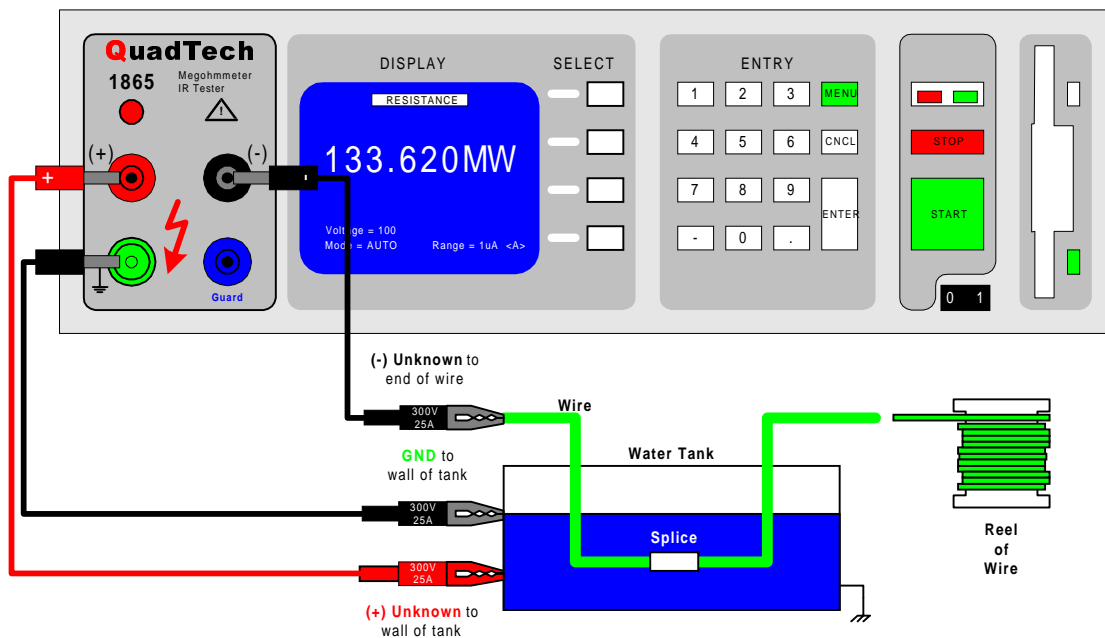


## Adhesive Heat-Shrink IR Testing

Many companies that splice wire and cable need to verify the integrity of the spliced areas of wiring. Adhesive heat shrink is used for insulating the spliced sections of wire. This type of heat shrink has an adhesive backing that melts when heat is applied and as the insulating material is shrinking.

First the wire is spliced, then the heat shrink is applied, and lastly, the insulation tubing around the splicing is checked for integrity. The way that this is done is that the spliced and insulated wire is placed in a 5% saltwater solution bath for 24 hours. Next an IR tester is used to measure between the water in the bath and the conductor in the wire. Refer to the illustration in Figure 1.



**Figure 1: Adhesive Shrink IR Test**

For complete product specifications on the 1865 Megohmmeter/IR Tester, the 1880 Milliohmmeter or any of QuadTech's products, visit us at <http://www.quadtech.com/products>. Do you have an application specific testing need? Call us at 1-800-253-1230 and we'll work with you on a custom solution.

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