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Lava Solder-Free Kit Tips

- Strip about ½" of outer jacket only – too much will increase risk of sleeve bunching up.
- Smooth braided shield with thumb and index finger and keep pressure on it as you slide sleeve on.
- Push sleeve on slowly.
- Once sleeve is touching base of outer jacket give it a hard push over the jacket so it is good and snug.
- Cut excess cable leaving just enough braided shield (about 1/16" to 1/32") to bend over beveled edge of sleeve using sharp scissors, Xacto knife, or razor blade.
- Make sure braided shield is bent over beveled edge of sleeve only and visually inspect so there's not portion of the braided shield coming in contact with center conductor – too much braided shield will make putting plug on difficult.
- **Right angle only:** You can trim braided shield back so it remains inside sleeve – this will ensure it cannot short against center conductor.
- Inspect to insure inner black semi-conductive PVC layer is pushed to edge of sleeve – it will cause short if it comes in contact with center conductor.
- **Straight Only:** Put stem on and twist cap (– give cable a little tug to ensure "hook" formed with braided shield bending over grounding sleeve is working properly.
- **Right angle only:** Bend cable SLOWLY in grounding sleeve groove maintaining pressure and twist stem to complete assembly.
- Temporary failures are caused ONLY by the following:: (Inspect for each)
    - Center Conductor NOT making contact with needle (very rare)
    - **Corrective action:** Push conductor in direction of needle hole
    - Inner black semi-conductive PVC layer shorting to center conductor
    - **Corrective action:** Push to edge or trim back
    - Braided shielded shield shorting to center conductor
    - **Corrective action:** Push over sleeve edge completely and trim back if necessary