



Bob's Shop Notes: Copper Clad Aluminum Wire

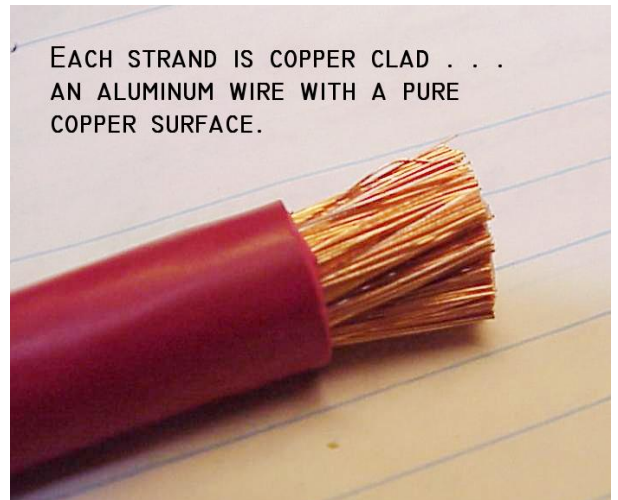


Copper on the outside, aluminum on the inside . . .

This wire is about the same stiffness as 22759 Tefzel in the same AWG size. When sheared off, the ends show the aluminum core . . .

Aluminum wire in copper wire clothing . . .

When stripped in preparation for termination, the exposed strands look for all the world like pure copper.





Solder it up . . .

This wire behaves as if it were solid copper. A soldering operation will alloy with the wire surface just as if it were of copper throughout.

The finished installation . . .



Plain vanilla heat-shrink is fine, double-wall adhesive shrink is better.