

Copper Bracelet Made with Reused Materials



Bracelet Details

- Used old Romex house wire from rewire job
- Can be recycled, but reuse is preferable (insulated wire has low value, more environmental impact)
- See Ron Reil (copper bracelet) website

Welding

- Lots of homemade welder plans on the Internet
- Problems: high raw material cost, low performance
- Sourcing materials is difficult
- Try low power

Microwave Oven Source

- Highest value item: transformer with primary/current limiting
- Still need diodes, choke
- Lots of rewinding required

Limitations

- Hard to get enough power
- Current-voltage trade-off
- Tough to use as a stick welder: either difficult to strike or not enough power
- Try using as a TIG welder (no lower power limitations)





ARTICLE NO. TTZ-5969A
PRIMARY VOLTS 115
SECONDARY VOLTS 3500

CAUTION:
READ BOOK BEFORE
USING THIS UNIT

WARDS
POWR-KRAFT
HIGH FREQUENCY ARC STABILIZER

TO
115
VOLT
OUTLET

SWITCH

TO WELDER
GROUND

TO
GRO

TO
TORCH

TO WELDER
OUTPUT

More to Do

- Better ways to wind for high current
- Foot pedal
- Dress up