



## ER Cu TIG & MIG Welding Wires

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**SKU:** ER Cu

**Price:**

**Stock:** instock

**Categories:** [Copper Alloy Welding Wire](#)

### Product Description

**Product Description:** High-copper content alloy GMAW(MIG)/GTAW(TIG) is used to weld copper-to-steel and copper-to-copper. It has good electrical conductivity. It is a good color match to copper.

#### Nominal Composition:

Manganese	.50%	Tin
Lead	.02%	Phosphorus
Copper	98.0%	Silicon
Aluminium	.01%	Others

#### Physical Properties:

Melting point	1967F(1075C)	Reduction of area	45%
Yield strength	8,000 psi	Tensile strength	29%
Elongation	29%	Electrical Conductivity(%IACS)	40%

#### Brinell Hardness 54HB (500 KG LOAD)

**APPLICATION:** Uses to weld copper base metals where good electrical conductivity is required.