



CENTRAL WIRE, INC.

RESISTANCE WIRE

**Nichrome
Copper
Chrome Aluminum
and more.**

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www.centralwire.com
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Central Wire Group of Companies is a global leader in the manufacturing of wire, wire rope, rope strand, cables and assemblies, tools, fasteners, and CNC machining. For more than 50 years we have evolved to where we are currently - at the top of the wire manufacturing world, serving market segments like: Aerospace, Medical, Defense & Military, Oil & Gas, HVAC, Automotive, Industrial and Commercial.

With locations in Canada, USA and the UK we are poised to service your requirements wherever you are. Our in-house expertises include: Engineering & Prototyping, Custom Design, Metallurgical Analysis, FPI Inspection, Product Recommendations and Process Improvements.

Discover our versatile range of Nichrome and Copper Resistance Wire Alloys.

CWI manufactures resistance wire from: 0.0035" 39 gauge up to .128" 8 gauge with tempers ranging from annealed to full hard.

We offer resistance tolerances per the American Wire Gauge values as follows: +/- 3%, +/- 5%, +/- 8% and +/- 10%. Additionally, we have over 50 Alloys available.



Our Resistance Wire is not only versatile in ranges of available alloys but also in the end-use applications that it can serve.



CWI Resistance Wire is well-suited for end-use application in many product types. Some of these include:

- Electric Ovens
- Dishwashers
- Hair Dryers
- Furnaces
- Hot Sealer Wire
- Hot Cutting Wire
- Heated Floor Systems
- Geothermal Technologies
- Electric Resistors
- Heat Coil Wire
- Appliances

Our Alloys:

Copper Nickel Alloys:

- RA-30 (UNS C70200)
- RA-60 (UNS C70500)
- RA-90 (UNS C70700)
- RA-180 (UNS C71100)
- RA-294 (UNS C72150)

Iron Chrome Aluminum Alloys (FeCrAl):

- RA-815 (Fe-22Cr-4.75Al)
- RA-875 (Fe-22Cr-5.5Al)

Nichrome Alloys:

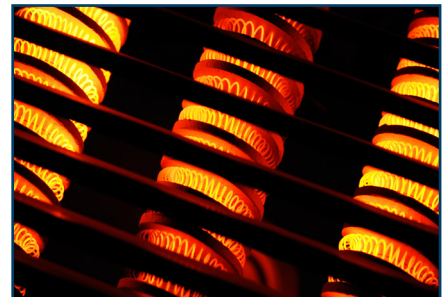
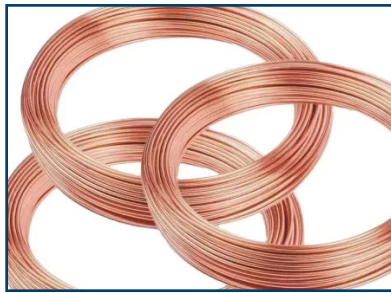
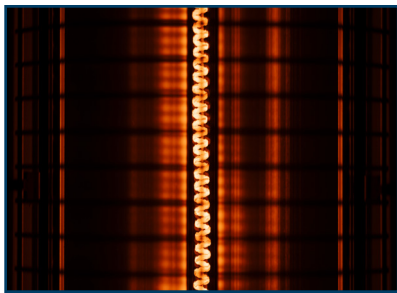
- RA-650 (UNS N06003)
- RA-675 (UNS N06004)

Red Metal Resistance Alloys:

- C110 - Copper
- C220 - 90/10 - Copper Zinc
- C240 - 80/20 - Copper Zinc
- C260 - 70/30 - Copper Zinc
- C509 - Phosphor Bronze
- C510 - 95/5 Cu 95/P .2/ Sn 5 - Phosphor Bronze
- C745 - 65 Cu/25 Zn/ 10Ni - Copper Nickel
- C757 - 65 Cu/23 Zn/12 Ni - Copper Nickel
- C656 - Silicon Bronze

Other Resistance Alloys:

- K95050 (50Ni-Fe)
- 304
- Nickel 200
- 316
- 434

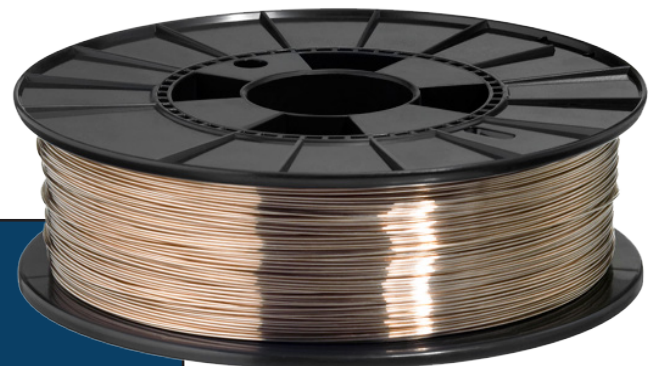


Packaging:

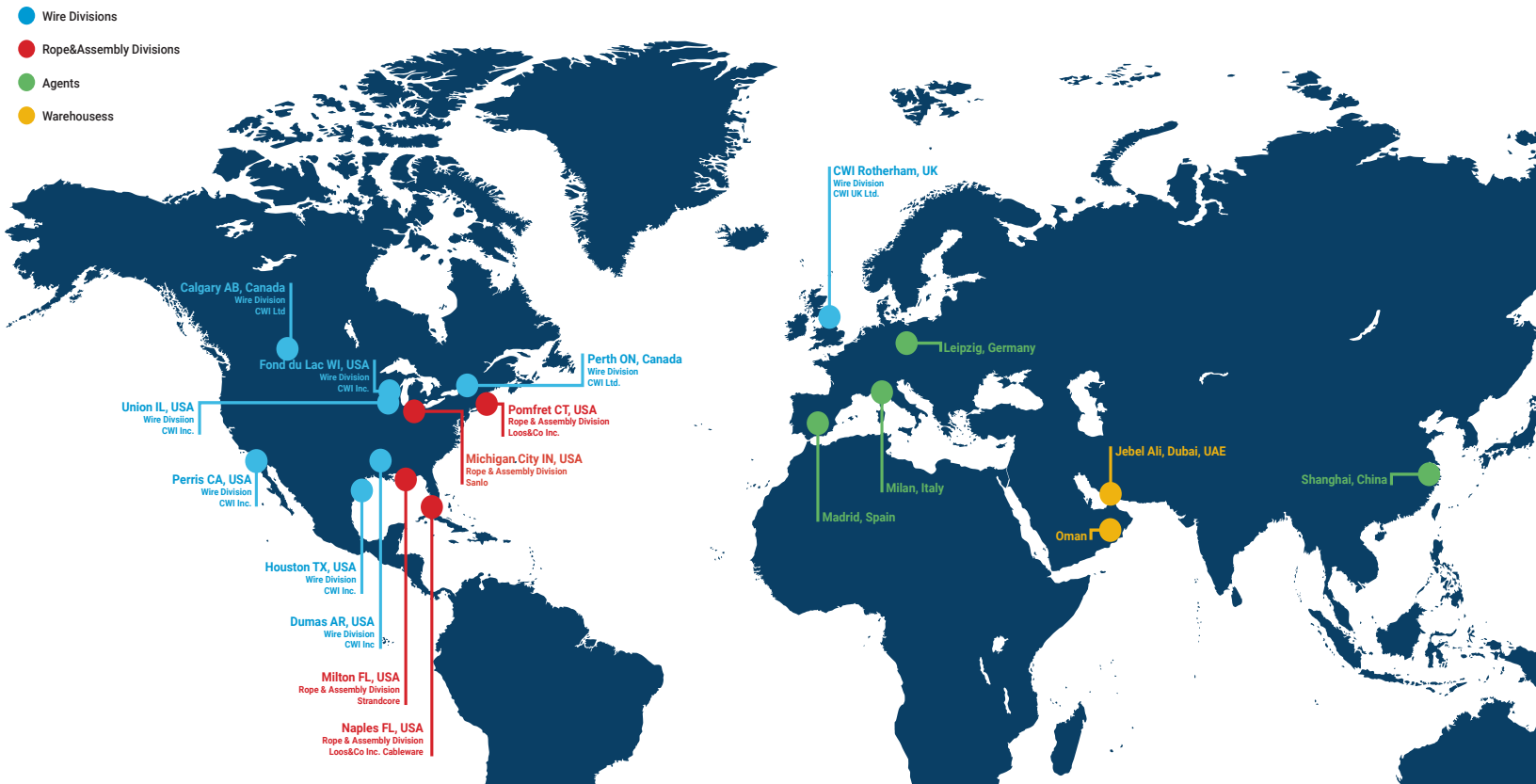
Central Wire Group of Companies has numerous options for packaging your Resistance Wire products:

- Reels
- Bobbin
- Spools
- Carrier
- Coils
- Custom Packaging

Don't resist the urge! Contact us today +1-800-435-8317



DRAWING ON INNOVATION.



Global Manufacturing Excellence. In everything we do.

Partner with excellence.

Perth, ON - Canada | Calgary, AB - Canada | Rotherham, EN - United Kingdom | Dumas, AR - USA
Houston, TX - USA | Perris, CA - USA | Union, IL - USA, Fond du Lac, WI - USA | Michigan City, IN - USA
Milton, FL - USA | Naples, FL - USA | Pomfret, CT - USA

centralwire.com

CWI

GROUP OF COMPANIES

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