CWI GROUP OF COMPANIES

Wire Division
Capabilities Guide

centralwire.com
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About Us

Central Wire is one of North America's fastest growing wire manufacturers, drawing a broad range of stainless steel wire, nickel wire, and red metal wire. Our products include bar stock, fine wire, shaped wire, cold heading wire, spring wire, welding wire, and more. With over 60 years of experence, we are able to meet your custom product requirements from wire diameter to packaging options.

Locations

Canada

Ontario
+1-613-267-3752
1 North Street
Perth, Ontario K7H 2S2

Alberta
+1-613-267-3752
162-5255 McCall Way NE
Calgary, Alberta T2E 7J5



United Kingdom

Rotherham
+44-(0)-1709-37-6625
Primrose Park, Greasbrough Rd
Rotherham, S. Yorkshire
S60 1RH

United States

Arkansas
+1-870-382-2980
1020 Highway 65 South
Box 186
Dumas, AR 71639

Texas
+1-800-325-5861
18430 Kieth Harrow Blvd.
Houston, TX 77084

Illinois
+1-800-435-8317
6509 Olson Road
Union, IL 60180-0423

California
+1-951-657-2105
2500 South "A" Street
Perris, CA 92570

Wisconsin
+1-920-926-0609
1795 South Hickory Street
Fond Du Lac, WI 54937

Products & Capabilities

Products

- Brush Wire
- Bar Stock
- Cold Heading Wire
- Fine Wire
- Knitted Wire Mesh
- Lashing Wire
- Resistance Wire
- Shaped Wire
- Slicklines
- Spring Wire
- Welding Wire
- Shaped/Flat Wire

Specialty Products

Welding Wire (Generation 4™)

- Nickel
- Stainless
- Copper
- Bulk (MIG drum packs, TIG, SUB ARC)
- MIG Spools (metal & plastic)
- TIG Tubes
- SUB ARC Coils
- Spools (2 & 10 lb.)

Tech-Mesh™

- 300 Series Stainless Steel
- Copper
- Duplex
- Monel® 400
- Alloy 20 (20Cb3)
- Inconel® alloys

Slicklines (GD™ - SUPA®)

- GD 316, GD22/SUPA40, GD31Mo/ SUPA75, GD-35Mo, GD50

Capabilities

- Drawing
- Rolling
- Straighten & Cut Bars
- Non-Destructive Testing (NDT)
- In-House Testing
- Spooling
- Batch Annealing
- Strand Annealing
- Copper and Nickel Plating
- Pickling
- Shaving
- Scalping
- Redraw
- Plating (copper)
- Centerless Grinding
- Straighten & Cut Bar Manufacturing

Alloys

Stainless Steel Alloys

300 Series Stainless
- 302S (Euro: 1.4310)
- 302HQ (Euro: 1.4567)
- 303
- 304 (Euro: 1.4301)
- 304L
- 304VM
- 305
- 309
- 310
- 316
- 316L
- 316LVM
- 316Ti
- 317
- 317L
- 321
- 347

400 Series Stainless
- 409
- 409CB
- 410
- 416
- 420
- 430
- 431
- 434
- 439
- 440C
- 446

Nitronic® Series Stainless
- Nitronic® 32
- Nitronic® 50
- Nitronic® 60

GD™- SUPA® Series Stainless
- GD316™
- GD22™ / SUPA40®
- GD31Mo™/ SUPA75®
- GD35Mo™
- GD37Mo™
- GD50™
- SUPA®-GD100™

Hi-Strength Series Stainless
- 17-7 PH (631)®
- 13-8Mo
- 15-7Mo®
- A286

Resistance Alloys
- ERA120
- ERA815
- ERA875
- K95050
- N06003
- N06004

Stainless Gen⁴ Welding
- GEN 307
- GEN 308/308H ER 308/308H
- GEN 308/308L ER308/308L
- GEN 308LSi ER308LSi
- GEN 309/309L ER309/309L
- GEN 309LSi ER309LSi
- GEN 309LMo
- GEN 310 ER310
- GEN 312 ER312
- GEN 316/316L ER316/316L
- GEN 316LSi ER316LSi
- GEN 317L ER317L
- GEN 320LR ER320LR
- GEN 330 ER330
- GEN 347 ER347
- GEN 385 (904L) ER385
- GEN 409Nb ER409Nb
- GEN 410 ER410
- GEN 410NiMo ER410NiMo
- GEN 420 ER420
- GEN 430 ER430
- GEN 430NLb ER430LNb
- GEN 604 ERNiCrFe-5
- GEN 630 (17-4PH) ER630
- GEN 2209 (Duplex Grade) ER2209
- GEN 2594 (Super Duplex Grade)
- Duplex 1.4462 (2205)
- Super Duplex 1.4410 (2507)
- Super Duplex 1.4501
- Super Duplex 1.4507
- GEN 218
- GEN 308Si/308LSi
- GEN 309Si/309LSi
- GEN 316Si/309LSi
- GEN 383
- GEN 439Ti

Red Metal Alloys

Copper Series
- C101
- C102
- C110

Copper Nickel
- C702
- C705
- C707
- C711
- C72150
- C715

Nickel Silver
- C725
- C745
- C752
- C757

Bronze Series
- C220
- C226
- C411
- C507
- C509
- C510
- C521
- C651
- C655
- C656

Copper Gen⁴ Welding
- Deoxidized Copper (C189) ERCu
- Silicon Bronze (C656) ERCu-Si-A

Zinc
- C308

Brass Series
- C230
- C240
- C260
- C-260b (Blank)
- C270
- C274
- C425

Nickel Alloys

Nickel Specialty Series
- Monel® 400
- Monel® 500
- Monel® K500
- Inconel® 600
- Inconel® 601
- Inconel® 625
- Inconel® 718
- Inconel® 825

Specialty Series Alloys
- Inconel® X-750
- Hastelloy X® *
- C276
- C4/C22
- MP35N®
- 35-19Cb
- 330
- Alloy 20 (20Cb3)
- 904L
- Invar 36®
- Nimonic 90

Nickel Prime Series
- Nickel 200
- Nickel 201
- Nickel 205
- Nickel 211

Nickel Gen⁴ Welding
- GEN 55
- GEN 99 ERNiCl
- GEN 208 ERNi-1
- GEN 276 ERNiCrMo-4
- GEN 413 ERCuNi
- GEN 418 ERNiCu-7
- GEN 606 ERNiCr-3
- GEN 617 ERNiCrCoMo-1
- GEN 622 ERNiCrMo-10
- GEN 625/625HWT ERNiCrMo-3
- GEN 718 ERNiFeCr-2
- GEN 825 ERNiFeCr-1

Finishes, Coatings & Diameters

Finishes

- Satin
- Satin/Commercial
- Satin/Soap Drawn
- Bright/Oil
- Bright
- Shaving/Scalping/Seamfree
- Pickled
- Ground
- Seam Free/Superfinish Aerospace
- Techbrite
- Electropolish Quality
- Superfinished
- Centerless Ground
- Clean

Coatings

- Bare (no coating)
- Precoat
- Grease
- TECHCOTE®
- TECHCOTE® - Soap
- Low Dusting
- Moly Disulfide TECHCOTE®
- Copper Precoat
- Copper TECHCOTE®
- Copper Moly
- Moly Disulfide spray
- Moly Disulfide TECHCOTE®
- Nickel Coat

Diameters

0.0031 to 0.787” (Soft Annealed or Tempered)

Contact a member of our sales team to learn more the diameters available at a location near you.

Packaging Options

Packaging Options

- Barrels
- Spools (1,2,5,10,30 & 50lb.)
- Reels (330 - 2,200 lb.)
- Carriers
- Coils
- Boxes or Crates
- Carriers with Standard Catch Weight Coils
- Wooden Crates
- Cuts from Master Coils
- Box Exports
- Bundles (Bar)
- Pallets
- 200-lb. Tapered Spools
- DIN Spools
- Bobbins
- 16 and 22-Inch Coils



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