

CLEVER METALS

Strategic Materials for Smart Solutions

Your Trusted Partner for High-Purity Metals

NP1 Nickel Wire

Ultrafine Copper Powder

Copper Ingots

October 2025

Who We Are

Company Profile

Private metals trading and procurement firm specializing in:

NP1 Nickel Wire

Ultrafine Copper Powder

Copper Ingots

Strategic Inventory Locations



Switzerland



Canada



United States

Industries We Serve



Microelectronics



Aerospace



Medical Devices



Advanced Manufacturing

The Demand for High-Purity Metals

Growing Market Demand

The global nickel wire market is projected to grow from \$30.81B in 2025 to \$64.43B by 2035, representing a **100% growth rate** over 10 years.

Key drivers include:

- Increasing demand in electronics
- Growth in aerospace applications
- Expansion of medical device manufacturing
- Advancements in battery technology

Supply Chain Challenges

Sanctions on Russian suppliers have created:

- Market shortages
- Increased scrutiny on supply chains
- Need for sanction-free alternatives
- Price volatility



Clever Metals is positioned to meet this growing demand with sanction-free, high-purity metals from verified sources.

Clever Metals: Your Reliable Source

Our commitment to excellence and reliability sets us apart in the rare metals market.



Sanction-Free Guarantee

Fully compliant with OFAC & SECO guidelines, ensuring legal and ethical sourcing.



Transparent Pricing

Aggressive pricing that consistently beats catalog benchmarks from major suppliers.



Certified Quality

High-purity products independently verified by ISO/IEC 17025 accredited laboratories.



Strategic Locations

Inventory positioned in Switzerland, Canada, and USA for optimal global distribution.



Bulk Supply Capability

Extensive inventory allows us to fulfill large orders that competitors cannot match.

"Trusted Seller Focused on Fair and Valued Pricing"

NP1 Nickel Wire

Premium-Grade Specifications

Specification	Value
Diameter	0.025 mm
Purity	99.91% – 99.98%
Certification	ISO/IEC 17025 lab tested ISO 9001/ IEC 17025 lab tested
Origin	Czech Republic
Storage Location	Switzerland



Market Benchmark

Market Price: \$151/meter

Clever Metals Pricing:

- 100–999 m: 115 USD/m
- 1,000–9,999 m: 99 USD/m
- 10,000+ m: Tiered pricing available

Inventory Available

40,000,000
meters

NP1 Nickel Wire Applications

Key Industry Applications



Electronics

EMI/RFI shielding
Conductive components
Semiconductor manufacturing



Aerospace

High-temperature sensors
Corrosion-resistant parts
Specialized connectors



Medical Devices

Implantable devices
Diagnostic equipment
Surgical instruments



Emerging Tech

Quantum computing
3D printing applications
Nanotechnology



Battery Technology

NP1 Nickel Wire is a critical component in: Lithium-ion battery tabs and interconnects

Nickel-based battery electrodes

Hydrogen fuel cell components

Energy storage systems

Ultrafine Copper Powder

Product Specifications

Property	Specification
Purity	99.9998%+
Particle Size	Ultrafine micronized powder / 2-5 microns
Certification	IGAS Research (Switzerland & Germany)
Classification	UN3089 "Metal powder, flammable, n.o.s. (Copper)"
Minimum Order	27 Kilograms



Market Value

Market benchmark: ~\$1,822/gram

Clever Metals offers bulk RFQ pricing **40-65% below** catalog valuations

Inventory

Key Applications


Conductive
Pastes


3D Printing


Medical Devices


Nanotech

Copper Applications

Ultrafine Copper Powder Applications

Our 99.9998% pure ultrafine copper powder enables:

- Conductive pastes for printed electronics
- Advanced 3D printing materials
- Additive manufacturing for complex components
- Nanotechnology research and development
- High-performance alloys and composites

Copper Ingots Applications

Our high-purity copper ingots are essential for:

- Semiconductor manufacturing
- Electrical conductors and components
- Heat exchangers and thermal management
- Antimicrobial surfaces in healthcare
- Architectural and decorative applications

Industry Impact



Inventory & Logistics

Global Inventory

NP1 Nickel Wire	40,000,000 meters
Ultrafine Copper Powder	4,000 kg
Copper Ingots	Available upon request

Strategic Locations



Switzerland

Free-zone Warehouse



Canada

Secure Storage



United States

North American Office



Logistics & Shipping

Incoterms® 2020

EXW, FCA, CPT, CIP, DAP

Insurance

Institute Cargo Clauses (A) – All Risk, warehouse-to-warehouse

Specialized Packaging

The Clever Metals Advantage

Why Partner With Us?

✓ Access to Critical Materials

Secure supply of high-demand rare metals when traditional sources are constrained by sanctions or shortages.

✓ Guaranteed Quality

Every product independently certified by ISO/IEC 17025 accredited laboratories with full documentation.

✓ Compliance Assurance

Sanction-free supply chain fully compliant with OFAC & SECO guidelines, eliminating regulatory risks.

✓ Competitive Pricing

Transparent, tiered pricing structure that consistently beats market benchmarks from major suppliers.

✓ Bulk Availability

Extensive inventory allows us to fulfill large orders that competitors cannot match, with 40M+ meters of NP1 Nickel Wire and 4,000+ kg of Ultrafine Copper Powder in stock.

✓ Strategic Global Presence

Inventory positioned in Switzerland, Canada, and USA for optimal global distribution and reduced logistics costs.

Ready to Partner?

Contact us today for inquiries, RFQs, and partnership discussions.



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