



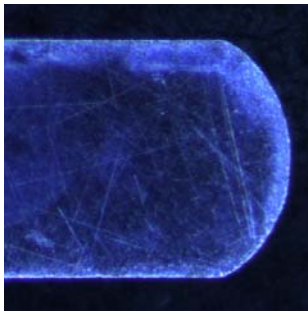
We Deliver Precision™

Ulbrich Specialty Wire Products

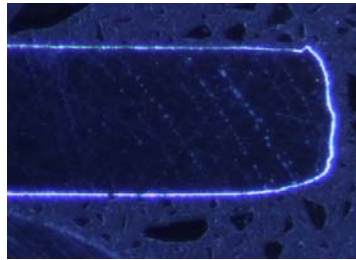
Precision Rolled Metals for Battery Applications

The Ulbrich Advantage

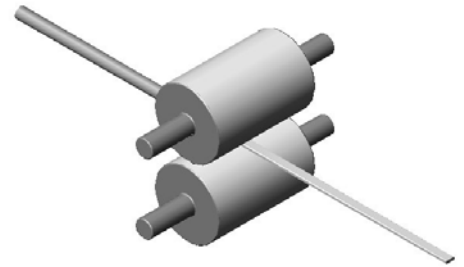
- **Precision Rolled Edges** – Wire is rolled from rod which produces a clean, smooth edge. This technology eliminates burrs and metal slivers inherent on slit strip.



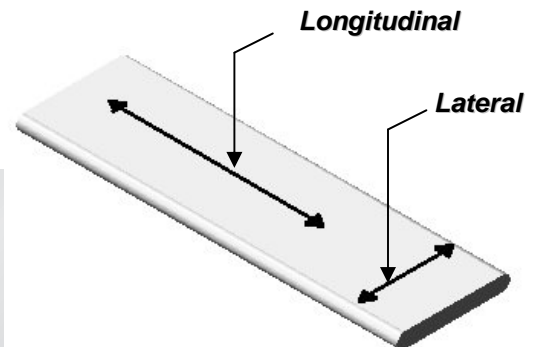
Rolled From Rod



Slit Strip



- **Ultra-Clean Surface** – Ultrasonic cleaning produces wire free of dirt and oxides. This process increases the material's weldability. Technology developed exclusively for Li-Ion Battery Components.
- **Superior Surface Finish** – Ulbrich Rolling Technology produces wire with low surface roughness averages (Ra). Wire consistently produced with 4 μin longitudinal and 2 μin lateral surface Ra.



All Sizes and Alloys Available!

- Currently supplying major Lithium-Ion Battery Manufacturers with Nickel, Copper, & Aluminum
- ⇒ New Plating & Cladding Capabilities
- Ulbrich will design and manufacture to meet the customer's specification.



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Precision Rolled Metals for Battery Applications

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- **Custom Packaging- Clean Room Ready Traverse Wound Spools and Flat Coils.** A large variety of package options are available. Ulbrich's Precision Winding Technology produces a package suitable for any application.



- **On-line Gaging- Thickness and Width gaging during operation allows for tight tolerances.** Available statistical analysis for each package. All instrumentation calibrated to NIST.
- **Tight Camber Tolerances- Every package produced with camber <1% !**
- **Dedicated Research & Development Staff- Our R&D facility is equipped with the necessary personnel and equipment to develop any new product.**

Contacts

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Ulbrich Specialty Stainless Steels & Special Metals fulfills its role as an ISO 9001:2000 certified supplier of specialty alloys by meeting or exceeding the quality expectations of its customers.

For an in-depth view of Ulbrich Stainless Steels...it's products, capabilities, and locations...log on to our website at www.ulbrich.com

Here you'll find links to all our divisions and detailed descriptions of the products and services we offer.



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