Using innovative approaches, Arcadium Lithium seeks to build on our partnerships with industry to deliver on the promise of **pioneering technologies which can improve battery safety, performance, manufacturing efficiency and sustainability.**

‹ LIOVIX ® Lithium Anode Roll-to-Roll Double-Sided Production.

LIOVIX® is a unique printable lithium formulation that can improve the performance of lithium-ion batteries, reduce manufacturing costs and enable the next generation of battery technology, all while enhancing safety and sustainability.

› Higher Capacity, Longer Life Batteries

LIOVIX® can boost a battery's output and extend its useful life with more recharge cycles. Performance improvements have been validated by several leading OEMs and battery manufacturing customers around the world.

› Enhanced Safety and Sustainability

Since LIOVIX® delivers lithium in a stable, protected form, it reduces the need for very stringent environmental conditions. LIOVIX® also gives battery manufacturers greater control and precision in how much lithium they use (reducing waste), allows for higher process efficiency (i.e., throughput) and opens pathways to shift away from conflict minerals and use more accessible battery materials.
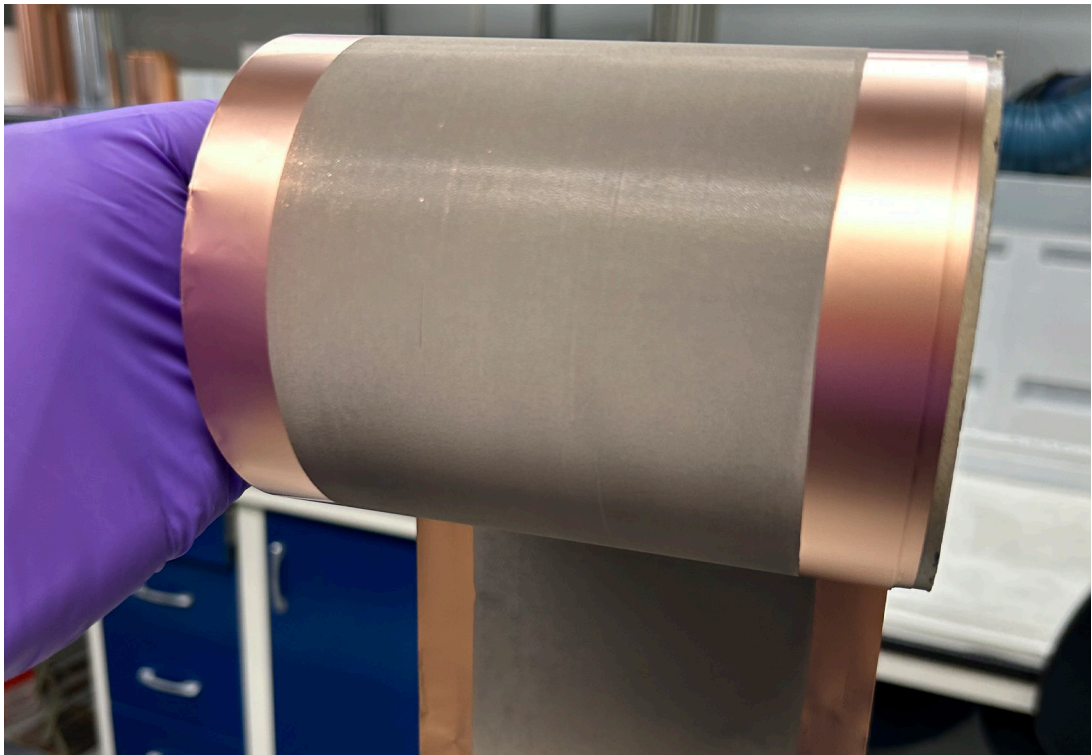
› Commercially Scalable

LIOVIX® can be incorporated into existing battery manufacturing processes using standard equipment and common industry methods for scaling operations.

› Lower Manufacturing Costs

LIOVIX® significantly reduces the need for a battery cell manufacturing process called "formation" and provides other cost savings and efficiencies resulting from improvements in battery capacity and cyclability.

› Pathway to Next Generation Batteries

LIOVIX® is an important technology for the development and commercialization of batteries using Si-based and lithium metal anodes. These next generation batteries will address many of the challenges and limitations of the incumbent technology.

Thin lithium foil roll before calendering.

Calendered thin lithium metal film sheet.

arcadiumlithium.com