



## **METAL FOILS** FOR SOLID STATE BATTERIES



**Auerhammer  
Metallwerk**  
Wickeder Group

[www.auerhammer.com](http://www.auerhammer.com)



Metal foils allow to act as a cathode and as an anode in a solid state battery. Stainless steel is perfect to achieve a lot of advantages. Have a look at them!

## Advantages:

- › Ultra-thin thicknesses possible  
=> Up to 20 x thinner than a human hair!
- › Thickness tolerances down to the nano range
- › Achievability of very high voltage  
(in principle unlimited number of stacked joints)
- › Less susceptible to corrosion
- › High degree of miniaturisation  
=> Less material = less costs
- › Good stackability for composites
- › Remeltable

Other alloys upon request!

**Stainless  
Steel  
Foil**

### PORTFOLIO WICKEDER GROUP

- › Clad Materials › Bimetals › Nickel Strips › Metal Foils
- › Photochemical Etching › Sheet Metal Working › Waterjet Cutting
- › Electroforming › Parylene Coating › Materials Engineering etc.



**CONTACT**