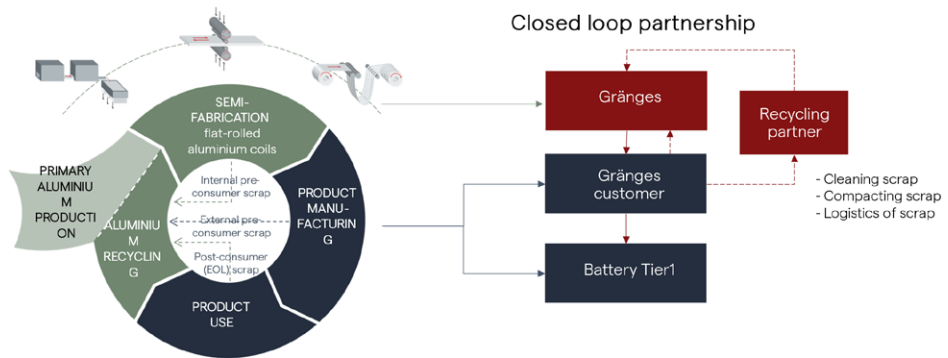




# Battery Cell Casing Materials

Featuring low carbon footprint, excellent formability and light weight, our battery cell casing materials are ideal for electric vehicle and energy storage applications. With a long history of producing materials tailored for deep drawing and tube welding processes, we develop and produce materials with outstanding quality and performance.

## Closed Loop Partnership



## SELECTION OF ALLOYS

Typical Alloy	Gauge [mm]	Temper	Yield Strength [MPa]	Tensile Strength [MPa]	Elongation, A50 [%]	Carbon emissions [tCO <sub>2</sub> e/tonne]
FA5573 (mod AA3003)	0.4-1.3	H14/H16	>115	135-175	>5	As low as 4 *
FA5050 mod AA1050	0.4-1.3	H14/H16	>85	110-150	>5	4.5 *

\* Product carbon footprint data from 2023, third-party verified, including emissions from cradle to gate. The level is dependent on production site

CONTACT → [granges.com/battery](https://granges.com/battery)



**Claudi Martin Callizo**  
Segment Leader Battery Components  
[claudi.martin-callizo@granges.com](mailto:claudi.martin-callizo@granges.com)



**Grzegorz Gralak**  
Key Account Manager  
[grzegorz.gralak@granges.com](mailto:grzegorz.gralak@granges.com)



# Rolling into an electrified future

Our battery materials enable our customers to secure supply of high-quality, locally produced rolled aluminium products while reducing their environmental impact. Our product offering towards the battery industry include battery cathode foil, battery casing and battery cooling plate.



# Your experienced partner

Built on the foundation of more than 125 years of innovative engineering and materials development, we are a world leader in high-performance aluminium alloys. With a long heritage of supplying the automotive industry, we are an experienced partner delivering consistent, high quality materials to industries with high demands on safety, performance and sustainability.

→ [granges.com/battery](https://granges.com/battery)



Low climate impact



Circular and resource-efficient



Responsibly sourced and produced

## Contributing to a circular and sustainable economy Join us on the path to net-zero 2040

Granges is a global leader in aluminium rolling and recycling in selected niches. We're committed to creating circular and sustainable aluminium solutions in partnership with our customers and suppliers – for a better future.

Our solutions help customers grow and transition to climate neutrality. They are used for efficient climate control in transportation and buildings, electrification and battery components, recyclable packaging, and more.

