

Battery Cathode Foil



- Your local European partner for sustainable Battery Cathode Foil supply
- Full value chain from casting to slitting - Recycling in all manufacturing sites
- Strong technical experience supplying automotive industry for more than 50 years

SELECTION OF ALLOYS

Typical Alloys	Temper	Gauge µm	Width mm	Tensile strength MPa	Elongation, At %	Wettability dynes	Coil ID inches	Cleanroom standard	Carbon emissions tCO ₂ /tonne
FA5100 AA1100 variant	H18/H19	12-20	Max 1440	260-310	>1.5	>30	3 or 6	ISO 8	4.5 ¹
FA5102 AA1100 variant	H18/H19	12-20	Max 1440	230-270	>2.5	>30	3 or 6	ISO 8	4.5 ¹
FA5101 AA1060 variant	H18/H19	12-20	Max 1440	180-230	>3	>30	3 or 6	ISO 8	4.5 ¹

¹ The level is dependent on production site, commercial and supply chain conditions and includes emissions from cradle to gate.. The calculation is done in accordance with Greenhouse Gas Protocol Standards.

High performance - strong sustainability focus

Sustainability is a part of Granges DNA. At Granges, we bring together aluminium alloy expertise and cutting-edge engineering with the latest manufacturing technology and equipment, producing battery cathode foil materials with outstanding quality and performance.



Cleanroom at productionsite Finspång, Sweden

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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



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.

