

SUSTAINABLE 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, offering the sustainable choice for the battery industry – with no compromises when it comes to performance.

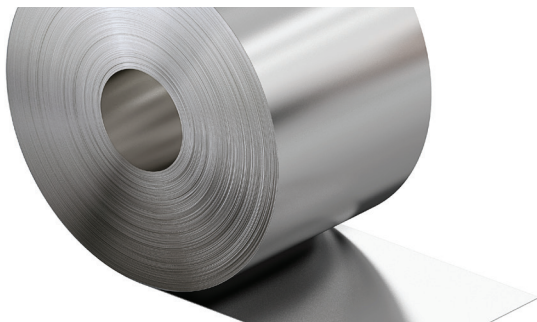
ALUMINIUM KNOW-HOW FOR DEEP DRAWING PROCESSES

Sustainability does not need to come at the cost of performance. At Gränges, we bring together aluminium alloy expertise and process control. With a long history of producing materials tailored for deep drawing processes, we develop and provide battery cell casing materials with outstanding quality and performance.



Typical Products	Gauge [mm]	Temper	Yield Strength [MPa]	Tensile Strength [MPa]	Elongation, A ₅₀ [%]	Carbon emissions [CO ₂ e tonne/tonne]
FA5573 (AA3003 variant)	0.7-1.2	H14/H16	>115	135-175	>5	As low as 4 ¹
FA5050 (AA1050 variant)	0.7-1.2	H14/H16	>85	110-150	>5	4.5 ¹

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

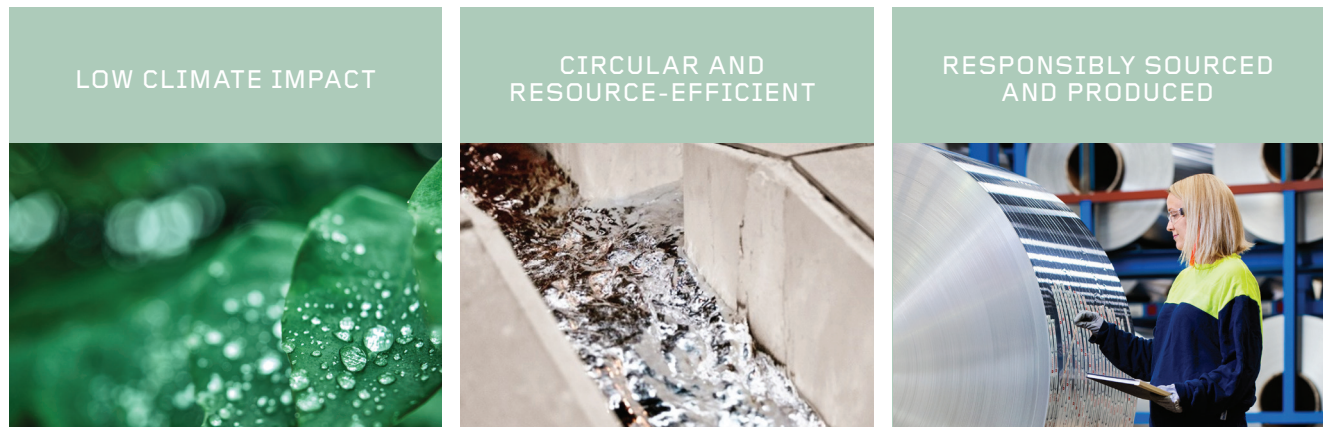


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SUSTAINABLE ALUMINIUM SOLUTIONS



GRÄNGES COMMITS TO CLIMATE NEUTRALITY BY 2040

Gränges has been a leader in innovative aluminium solutions for decades. Today, the company has a demonstrated industry-leading sustainability performance. EcoVadis, the largest independent provider of business sustainability ratings, has for example awarded Gränges a Platinum rating which ranks the company in the top 1% of companies assessed globally in the industry.



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A CENTURY OF EXCELLENCE IN ALUMINIUM

Built on the foundation of 125 years of innovative engineering, materials development, a strong focus on automotive, as well as world-class research, Gränges has become a global leader in high-performance aluminium alloys for a range of applications. Today, half of all the cars produced around the world contain material from Gränges.



GLOBAL PRESENCE, DEDICATED LOCAL TEAMS

Gränges is a proud Swedish aluminium technology company with production facilities on three continents: Asia, Europe and the Americas. All regions are IATF 16949 certified, with a total annual production capacity amounting to 560 ktonnes. We also have local technical teams on hand in every region providing the market's best technical support and engineering expertise. Whether innovating new solutions or overcoming specific challenges – we are here to help.