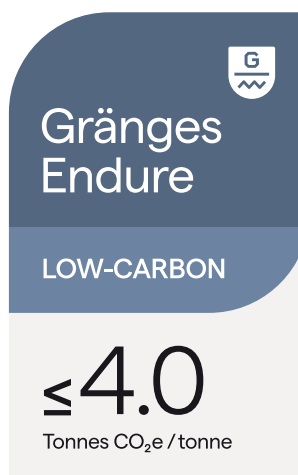


## Gränges Endure 8011A

8011A is an aluminium alloy developed for thin-gauge sheets used in the closures production. Known for its consistent quality, excellent forming characteristics, and dimensional stability, it is widely used in cap manufacturing where deep drawing, decoration, or high-speed processing are required.

As part of the Gränges Endure brand, 8011A combines proven technical performance with third-party verified sustainability. The alloy can be tailored to meet specific closure designs and customer requirements while supporting the shift toward low-impact, circular packaging – without compromising manufacturing efficiency or quality.

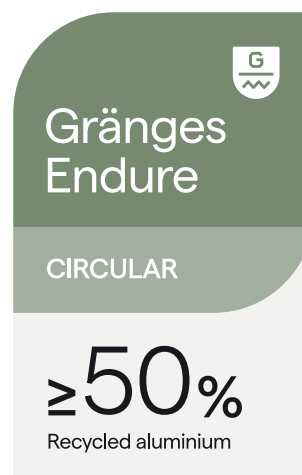
Engineered for precision and designed for sustainability, Gränges Endure 8011A is the ideal choice for closure manufacturers seeking both reliability and environmental responsibility.



**Gränges Endure**

LOW-CARBON

**≤4.0**  
Tonnes CO<sub>2</sub>e / tonne



**Gränges Endure**

CIRCULAR

**≥50%**  
Recycled aluminium

### Gränges Endure 8011A meets the following criteria:

- Carbon footprint below 4.0 tCO<sub>2</sub>e/t, cradle-to-gate
- Recycled aluminium content above 50%
- Third-party verified carbon footprint
- Third-party verified responsible sourcing and production practices

## Technical features



**Excellent formability**  
enables smooth stamping and deep-drawing



**Low anisotropy (low earing)**  
ensures uniform wall height and reduced scrap



**Stable mechanical properties**  
for consistent performance across batches



**Tight dimensional tolerances**  
supports precise, high-speed processing

Fe	Si	Cu	Zn	Ti	Mg	Mn	Cr
0.50–1.0	0.40–0.8	0.10	0.10	0.05	0.10	0.10	0.10
Delivery condition				After painting simulation (205°C/20min)			
Temper	R <sub>m</sub> [MPa]	R <sub>p02</sub> [MPa]	A <sub>50</sub> [%]	Earing [%]	R <sub>m</sub> [MPa]	R <sub>p02</sub> [MPa]	A <sub>50</sub> [%]
H14	125–165	110–150	min. 2	max. 2	110–150	90–130	min. 3



# Gränges Endure

Infinite by nature. Sustainable by design.

## The premium choice for sustainable aluminium

Gränges Endure is our product brand for aluminium solutions that combine the highest technical and sustainability performance. Built on deep engineering expertise and third-party verified data, it reflects our commitment to helping customers meet demanding product specifications and support the shift to circular, low-carbon materials.

### Choosing Gränges Endure is a win-win

Gränges Endure combines the highest technical and sustainable performance, making it a strong fit for demanding industries such as automotive, packaging, and HVAC. It supports your transition to low-carbon, circular solutions – and helps you respond to growing end-customer and industry demands. Designed to meet strict requirements for lifecycle performance, traceability, and recyclability, it strengthens the overall sustainability profile of the final product.

### A partnership to grow with

We work closely with our customers to deliver high-quality aluminium solutions tailored to each end-product specification. With local presence and global capabilities, we support regional supply chains and offer the responsiveness and reliability to help your business grow – today and over time.



### Benefits of Gränges Endure:

- ✓ Carbon footprint below 4.0 tCO<sub>2</sub>e/t, cradle-to-gate
- ✓ Recycled aluminium content above 50%
- ✓ Third-party verified carbon footprint
- ✓ Third-party verified responsible sourcing and production practices

## Let's talk!

Contact us to learn more about our sustainable aluminium solutions and how we can support your goals. Visit [granges.com/granges-endure](https://granges.com/granges-endure)

