

# POST CONSUMER RECYCLED ALUMINIUM



# 100% PCR ALUMINIUM PRODUCTS

## Our contribution to reaching your climate goals:

The carbon footprint of our PCR slugs is only 1.1 kg CO<sub>2</sub>e / kg aluminium whereas our virgin aluminium slugs cause 13.1 kg CO<sub>2</sub>e / kg (cradle-to-gate)

**Our PCR slugs save 92% CO<sub>2</sub>e.**

## PCR ALUMINIUM

**ALUMINIUM TUBES**  
**RIGID ALUMINIUM TUBES**  
**ALUMINIUM BOTTLES**  
**ALUMINIUM AEROSOL CANS**

- 100% PCR aluminium
- Significantly lower carbon footprint
- Available in all LINHARDT standard sizes
- Food grade PCR material

## PCR ALUMINIUM ALLOY

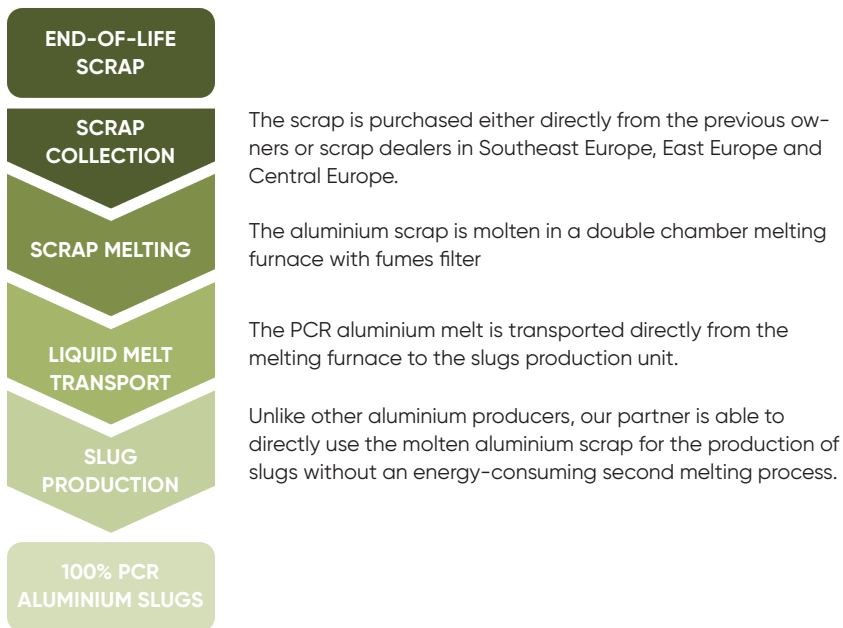
**LIGHTWEIGHT ALUMINIUM**  
**AEROSOL CANS**

- 100% PCR aluminium and 0.3% virgin manganese
- Material reduction, e.g. more than 17% possible for 150 mL cans





## PRODUCTION PROCESS



## MATERIAL CHARACTERISTICS

- Degree of purity: Al  $\geq$  99.1%
- Food conformity according to EC 1935/2004
- Slightly higher material hardness
- Annual supply capacity of 10,000t, capacity expansion planned
- Traceable supply chains
- Carbon footprint of 1.1 kg CO<sub>2</sub>e / kg PCR aluminium (cradle-to-gate)

# YOUR BENEFITS

Closed material loops are a key building block for a sustainable future. In addition to increasing the recycling rate, this also includes the use of recycled material for new products.

- 92% lower carbon footprint for PCR aluminium slugs (cradle-to-gate)  
- 1.1 kg CO<sub>2</sub>e / kg PCR vs. 13.1 kg CO<sub>2</sub>e / kg virgin
- Closed material loops
- 100% Post-consumer recycled aluminium according to ISO 14021
- Transparent, traceable supply chains
- Reliable supply of recyclate
- Food conformity according to EC 1935/2004





Status 10/2023