

Leveled Coils Amorebieta



Aludium produces aluminium coils in a wide range of alloys, and in widths ranging from 800 to 1,670 mm.



Aludium's aluminium coils are available in a variety of surface conditions to meet the needs of the final application.

Depending on dimensions, our finishes include

- Standard mill finish
- Film protected





Technical data: leveled coils Amorebieta

Alloy	Family 1: 1050, 1070, 1080, 1085, 1090, 1200, 1350 3003, 3005, 3103, 3105 5005 8006, 8011, 8021, 8079 Family 2: 3004 / 3104, 5042, 5049, 5050, 5052, 5083, 5251, 5505, 5657, 5754	
Chemical Composition	Our alloys meet the requirements of commonly specified national and international standards as EN-573/3	
Mechanical Properties	Aludium's coil exceed the minimum requirements of EN 485-2	
Thickness range (mm)	0,2 – 1,2	1,2 – 2,0
Width range (mm)	50 – 1512 (50 – 100 & 1500 – 1512 under request)	155-1512 (1500 – 1512 under request)
Inside Diameter (mm)	Width > 800 mm <ul style="list-style-type: none"> Hollow Nucleus (with PU layer for thickness > 0,8 mm): 406 – 510 – 602 Cardboard Nucleus 10 mm thickness (maximum recommended thickness 0,8 mm): 396 – 500 – 506 -596 Width < 800 mm <ul style="list-style-type: none"> Hollow Nucleus (with PU layer for thickness > 0,8 mm): 300 – 400 – 500 – 600 Cardboard Nucleus 10 mm thickness (maximum recommended thickness 0,8 mm): 296 – 396 – 500 – 506 – 510 – 596 	
Diameter and Weight	Outside Diameter: Maximum 2000 mm Modular weight: <ul style="list-style-type: none"> 5XXX: 6,1 kg/mm 5005 ≤ 1,5 mm: 6,4 kg/mm 5005 1,5 < thickness ≤ 2,0 mm: 6,3 kg/mm Rest: 6,5 kg/mm Other Modular weights under request 	
Dimensional tolerances	Where applicable, according to En 485-4	
Surface Finishes	Mill Finish	
Surface Quality	Anodizing Quality (*) Leveled Interleave protected with film (UVA resistant, to be cut with laser...)	

(*) = Anodizing quality (TAN / DEA) for 5005 and 1050 in the range 0,21 – 3,0 mm in coils. Only suitable to be anodized in the top side. Customer to etch 6 microns in TAN applications and 10 microns in DEA applications .

Technical conditions

The technical conditions for inspection and delivery are established in consultation with the customer.

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Technical specifications are correct at time of printing. October 2015.

Certification

- ISO 9001 quality standards
- ISO 14001 environmental standards
- ISO 17025 Cindal accreditation

Material can be certified according to the requirements of various standards including ISO TS 16949 for automotive applications.

