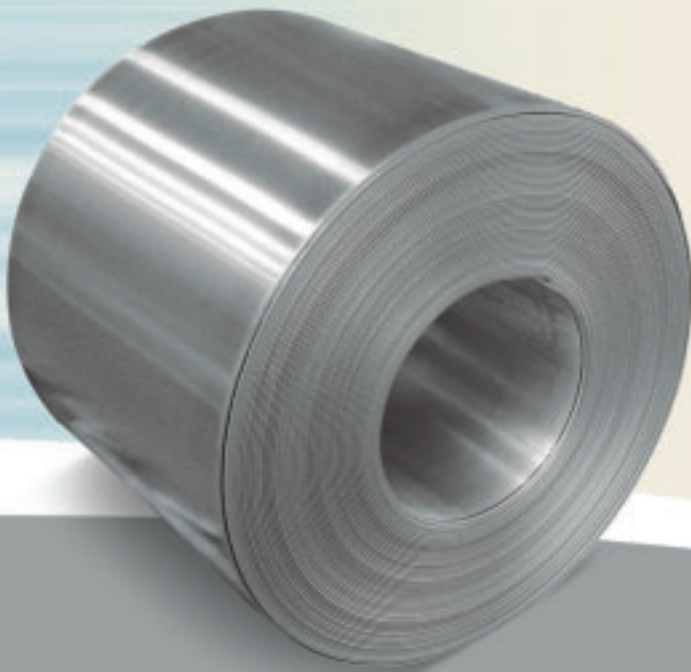


coil

coil

Alcoa offers coils in a wide range of alloys in widths from 800 to 1500 mm. Coil weights are typically 4400 to 6600 kg. A variety of surface conditions can be supplied to meet the needs of the final application ranging from standard mill finish to chemically degreased and film protected.



coil technical data

ALLOYS

- 1050A, 1200
- 3003, 3103, 3004, 3005, 3105A
- 5005, 5251, 5052, 5049, 5754, 5083, 5086, 5182
- 6022, 6061, 6082
- 7075
- 8006, 8011A, 8079

CHEMICAL COMPOSITION

Our alloys meet the requirements of the commonly specified national and international standards, e.g. EN 573-3.

SIZE RANGE

Thickness and width

| Thickness (mm) | Width (mm) |
|----------------|--------------|
| 0.15 - 0.8 | 800 - 1525 |
| 0.8 - 3.0 | 800 - 1620 |
| 3.0 - 3.5 | 800 - 1525 |
| 3.0 - 5.0 | 1060 - 2200* |

* Width tolerance is outside the scope of EN485-4

DIMENSIONAL TOLERANCES

Where applicable, dimensional tolerances are as specified in EN485-4.

SURFACE QUALITY

A variety of surface conditions can be supplied:

- Mill finish
- Chemically degreased, thickness is between 0.5-2.0 mm
- Coated with PVC foil upper side, thickness 0.8-3.0 mm

CERTIFICATION

- ISO 9001 – Quality Standard
- ISO 14001 – Environmental Standard

In addition, material can be certified according to the requirements of ISO TS 16949 (for automotive industry), DNV, TUV, RINA, Lloyds Rules (for marine applications.)

MECHANICAL PROPERTIES

Coil supplied by Alcoa exceeds the minimum requirements of EN 485-2.

Diameter and weight

Inside diameter:

300, 400, 500 (508) and 600 (610) mm

Outside diameter:

maximum 1800 mm

Modular weight:

maximum 6.9 kg/mm width

OTHERS

Technical conditions for inspection and delivery.