

Service that inspires

aluminium-coils.com

Aluminium strips for transformer windings

first class quality – short term deliveries

Your benefits

- **Short time deliveries**
10-15 working days ex works, Europe-wide
- **Ready to deliver**
over 1'000 tons of master coils available
- **Small quantities**
starting from 200 kg
- **Edge processing**
rolled on both sides for burr-free edges
- **Conductivity**
EN AW-1350 soft annealed with min. 35.5 MS/m
- **Coil**
ID 400 and 500 mm, with cardboard core
- **Surface**
Protected with paper interleaving on request



You need Aluminium strips for transformer windings in a short time - Debrunner Metallservice has the selection.

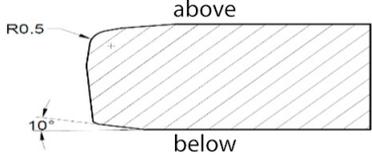
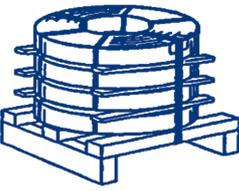
Debrunner Metallservice

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Data sheet for aluminium-strip for transformer windings, EN AW-1350-O

Alloy	EN AW-1350 O, soft annealed, chemical composition according EN 573-3	
Physical properties	Electrical conductivity at 20 °C for temper O (soft annealed): according to EN 14121 min. 35.4 MS/m, effective mind. 35.5 MS/m according ASTM-Standard IACS 100 % (0.58 × 108 S/m) min. 61 %	
Mechanical properties acc. to EN 14121:2009	Tensile strength: Rm Yield strength: Rp 0.2 Elongation: A50 mm % Brinell hardness (guideline):	65 – 105 MPa min. 20 MPa min. 20 – 26 % depending on thickness 20 HB
Thicknesses available from stock	0.20 / 0.25 / 0.30 / 0.31 / 0.35 / 0.40 / 0.45 / 0.50 / 0.60 / 0.63 / 0.70 / 0.80 / 0.90 / 1.00 / 1.10 / 1.20 / 1.25 / 1.30 / 1.40 / 1.50 / 1.60 / 1.80 / 2.00 / 2.40 / 2.50 / 3.00 mm Other thicknesses on request thickness tolerances: ½-EN 485-4	
Slit strip widths	20 to 1300 mm width, technically also up to 1485 mm	
Edge processing	All coils are trimmed as standard, then slit with minimal burr and additionally rolled on both sides for a burr-free edges.	
Telescoping	The innermost two turns have a maximum offset of 2 mm, the outer turns a maximum of 1 mm.	
Inner diameter / Surface protection	<ul style="list-style-type: none"> • 400 or 500 mm • cardboard core for a strip width of at least 40 mm • paper feed for a strip width of at least 100 mm 	
Outer diameter	max. 1750 mm or according to your specifications	
Coil weight	According to your specifications	
Coil length	Coils can be manufactured with a length tolerance of –0/ + 5 meters.	
Packaging	<p>Small strip up to 200 mm: coil axis vertical / eye-to-sky</p>  <p>On EURO-pallettes</p>	<p>Wide strip from 200 mm: coil axis horizontal / eye-to-wall</p>  <p>On Coil pallettes</p>
Minimum quantities	Up to a thickness of 1.0 mm, at least 200 kg; from a thickness of 1.10 mm, at least 300 kg; from a thickness of 1.8 mm, at least 500 kg.	

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