

Specifications Anodised Aluminium

Material state (dry or slightly oiled)	H18, H24, O (hard, half hard, soft) or annealed to temper O by ANOFOL	
Alloys	EN AW 1050, EN AW 1070 EN AW 1350, EN AW 1370	
Surface characteristic according to DIN EN 14121	"mill finished"	
Norms/ Tolerances	Strip thickness ≤ 0,2 mm	Strip thickness > 0,2 mm
Strip Thickness	According to DIN EN 546-3	+/- ½ EN, acc. to DIN EN 485-4
Strip Width	According to DIN EN 546-3	+/- 0,20mm, acc. to DIN EN 485-4
Strip Edges	very low burr	
Burr	< 8 % (from Strip thickness), max.	
Bending according to DIN EN 4854	4 mm/2.000 mm	
	Option 1	Option 2
Mother Coil Width	30 - 260 mm	2 - 90 mm
Material Tensile Strength	65 - 145 N/mm ²	65 - 145 N/mm ²
Material Thickness	0,058 - 1,30 mm	0,02 - 0,30 mm
Max. cross section	150mm ²	27mm ²
Decoiler ID	150 / 300 / 400 mm	150 / 300 mm
Recoiler ID	150 / 300 / 400 mm	150 / 300 mm
Decoiler max. AD	1250 mm	900 mm
Recoiler max. AD	1250 mm	800 mm
Decoiler	with core	with core
Recoiler	with cardboard core	with cardboard core
Mother coil max. weight	500 Kg	100 Kg
Adjustable layer	3-4 / 4-5 / 5-6µm	
Oxide layer's depth of penetration	50% of the layer's thickness	
Breakdown voltage	10V / µm >> max. 120 V Turn / Turn	
Test of the breakdown voltage	1. Test with spherical electrode acc. to EN ISO 2376 2. Test of a sample coil acc. to internal instructions	
Packaging		
Position of Coils on the pallets	"eye to sky"/ "eye to side"	
Type of packaging	Wodden box/Pallet/Cardboard box	
Packaging specification	Cardboard intermediate layers / wooden spacers / protection against corrosion	
Strip Samples on the packaging	upon request	