

EK SPEC 231

Al-strip, Soft



1 Dimensions

Below is a chart of dimensions we have produced.

	Min.	Max.
Width (mm)	2.8	40
Thickness (mm)	0.8	10
Area (mm ²)	4.1	400

2 Tolerance of dimensions

Width (mm)	Tolerance (mm)
2.00 - 3.15	± 0.03
(3.15) - 6.30	± 0.05
(6.30) - 12.50	± 0.07
(12.50) - 16.00	± 0.10
(16.00) - 25.00	± 0.13
(25.00) - 40.00	± 0.17

Thickness (mm)	Width (mm)	
	2-16	(16)-40
	Tolerance (mm)	
0.80 - 3.15	± 0.03	± 0.05
(3.15) - 6.30	± 0.05	± 0.07
(6.30) - 10.00	± 0.07	± 0.09

Tolerance of corner radius: ± 25 %. The arc of curvature merges smoothly into the adjacent flat side.

Thickness (mm)	Corner radius (mm)
0.80 - 1.00	Semi circular
(1.00) - 1.60	0.50
(1.60) - 2.24	0.65
(2.24) - 3.55	0.80
(3.55) -	1.00

3 Form of delivery

Packing	Approx Capacity (kg)
Bob 630	60
GL 800	300
Pancake coils	30

Other forms of delivery and types of package can be made by agreement

4 Requirements

Chemical Composition:	EN AW-1370
Resistivity:	max. 28.0 nΩm
Tensile Strength:	R _m 60-90 N/mm ²
Elongation:	L ₂₀₀ min. 25 %
Surface roughness:	max. 25µm R _{max}

5 References

EN 573-3:2019 + A1:2022 Aluminium and aluminium alloys – chemical composition and form of wrought products

DIN 40501:4 Aluminium for Electrical Engineering; Wires of pure Aluminium; Technical Conditions of Delivery

SEN 240961 Strip of aluminium for winding purposes

6 Miscallenus

An approximate 15 meter long starting end is at the bottom of the drum,

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ie at the end of the length. There is a slightly discolored piece and a joint. It is recommended that the starting end is cut away since the tensile strength cannot be guaranteed. The profile is usually coated with a thin layer of white oil (paraffin oil), which facilitates uncoiling and reduces the risk of surface damage.

Chart of dimensions we have produced.

