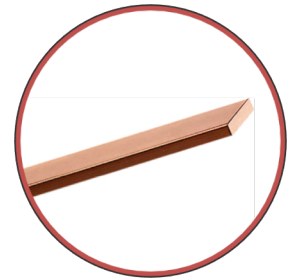


EK SPEC 131 Cu-strip, soft



1 Dimensions

Below is a chart of dimensions we have produced.

	Min.	Max.
Width (mm)	3	40
Thickness (mm)	0.8	15.2
Area (mm ²)	2.4	236

2 Tolerance of dimensions

Width (mm)	Tolerance (mm)	Thickness (mm)	Width (mm)	
			2-16	(16)-40
2.00 - 3.15	± 0.03	0.80 - 3.15	± 0.03	± 0.05
(3.15) - 6.30	± 0.05			
(6.30) - 12.50	± 0.07	(3.15) - 6.30	± 0.05	± 0.07
(12.50) - 16.00	± 0.10	(6.30) - 12.50	± 0.07	± 0.09
(16.00) - 25.00	± 0.13	(12.50) - 16.00	± 0.10	
(25.00) - 40.00	± 0.17			

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

Can be delivered with semi circular corners. i.e. the radius = half thickness of the strip.

3 Form of delivery

Packing	Approx Capacity (kg)
Bobbin 630	200
GL 800	800

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

4 Requirements

Copper Cu-ETP

Density: 8.93 g/cm³
 Oxygen: max 600 ppm
 Resistivity: max. 17.24 nΩm
 Tensile Strength: R_m 220-260 N/mm²
 Hardness: 40-65 HV
 Surface roughness: max. 25 μm R_{max}

5 References

EN 13601 Copper and copper alloys. Copper rod. bar and wire for...
 SEN 240951 Strip of copper for winding purposes

6 Miscellaneous

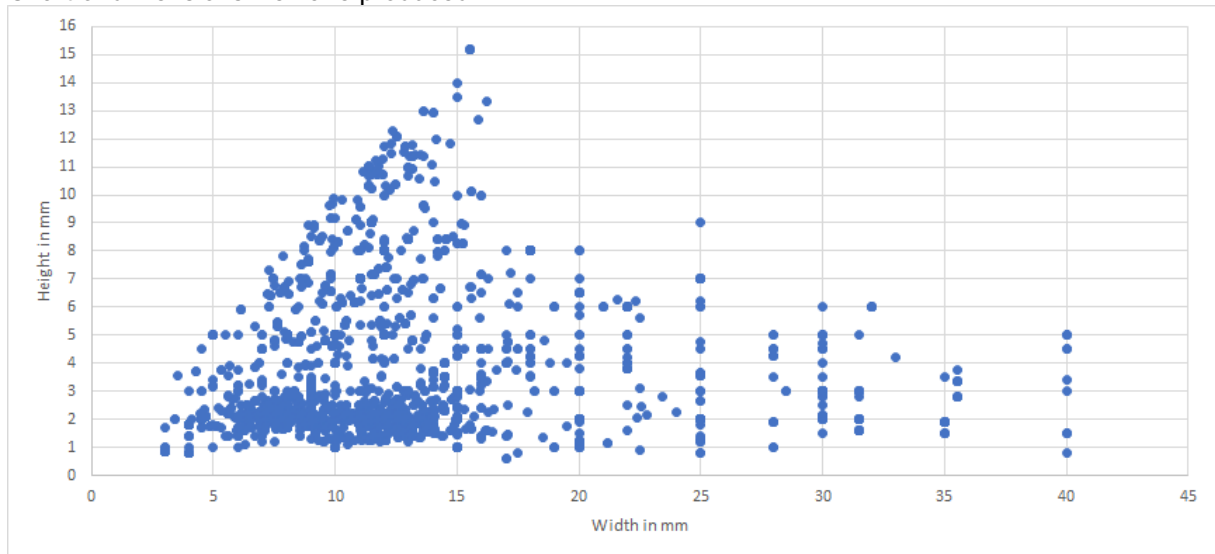
We can also deliver oxygen free and silver alloy copper strips. An approximate 15 meter long starting end is at the bottom of the drum, ie at the end of the length. There is a slightly discolored piece and a joint. It is recommended that the starting end is cut away since the tensile strength cannot 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.

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Chart of dimensions we have produced.



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