

Specifications

Dimensions

	Available in coils & sheets	Maximum width (mm)	Thickness range (mm)
Nordic Standard	x	1000	0.4-4.0
Nordic Decor™	x	1000	0.6-1.0
Nordic Brown™	x	1000	0.5-1.5
Nordic Green™	x	1000	0.5-1.5
Nordic Royal™	x	700	0.5-1.5
Nordic Brass	x	by request	by request
Nordic Blue™	x	1000	0.5-1.5
Copper and Brass wide sheets	<u>Specifications below</u>		

Mechanical properties

Material	Material	Rm N/mm ²	Rp0,2 N/mm ²	AS Omm%	HVAD	
Des/No		Min/Max	Min/Max	Min	Min/Max	
Cu-DHP/ CW024A	R220	220/260	-/140	33	-	annealed
	H040	-	-	-	40/65	annealed
	R240	240/-	180/-	8	-	semihard
	H065	-	-	-	65/95	semihard
	R290	290/-	250/-	-	-	
	H090	-	-	-	90/-	

Physical Properties

Density	8,9 g/m ³
Melting Point	1083 C
Specific thermal capacity at 20°C *	0,385 kj(kg °C)
Coefficient of linear expansion at 20°C - 100°C	16,8 x 10 ⁶ ' c -1
Coefficient of linear expansion at 20°C - 300°C	17,7 x 10 ⁶ ' c -1
Moduls of elasticity	118 000 N/mm ²
Shear moduls	44 000 N/mm ²
Electrical conductivity at 20°C *	ca 52 MS/m / ca 90% IACS *

Thermal conductivity at 20°C *	ca 365 W/(m' c)
Resistivity at 20°C	ca 20 nOhm m
Temperature coefficient for resistance at 20°C	0,00275 °C
... for resistance at 0 - 100°C	0,00354°C

Copper and Brass decorative wide sheets

Sheets and coils of custom gauges ranging from	.035 to .250 inches	0,89 to 6,35 mm
Standard widths	24", 36" and 48" and also in between custom sizes	609,6 mm 914,4 mm 1219,2 mm
Lengths	Standardized or Custom	
Material	C122/DHP, C220/CuZn10, C230/CuZn15 and C280/CuZn40 (Muntz)	