

Transformer Wire Gauge Chart

This transformer wire gauge chart provides common AWG sizes with their approximate diameter, cross-sectional area, and current-carrying capacity. It is a handy reference for selecting suitable transformer winding wire for electrical projects, repairs, and design work while ensuring efficient and reliable performance.

AWG	Diameter (mm)	Area (mm ²)	Approx. Current Capacity
20	0.81	0.52	5 A
18	1.02	0.82	7 A
16	1.29	1.31	10 A
14	1.63	2.08	15 A
12	2.05	3.31	20 A
10	2.59	5.26	30 A
8	3.26	8.37	40 A
6	4.11	13.30	55 A
4	5.19	21.15	70 A
2	6.54	33.62	95 A