What is an AWG Size Chart?

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Amperage Ratings for Residential Cable					
AWG Size	Insulation Type	Copper		Aluminum/Copper-clad Aluminum	
		Ordinary Use	Service Entrance	Ordinary Use	Service Entrance
4/0	THW, THWN	230	250	180	200
2/0	THW, THWN	175	200	135	150
1/0	THW, THWN	150	175	120	125
1/0	TW	126	N/A	100	N/A
1	THW, THWN	130	150	100	110
2	THW, THWN	115	125	90	100
2	TW	95	N/A	75	N/A
4	THW, THWN	85	100	65	N/A
4	TW	70	N/A	55	N/A
6	THW, THWN	65	N/A	50	N/A
6	TW	55	N/A	40	N/A
8	THW, THWN	50	N/A	40	N/A
8	TW	40	N/A	30	N/A
10	THW, THWN	35	N/A	30	N/A
10	TW	30	N/A	25	N/A
12	THW, THWN	25	N/A	20	N/A
14	THW, THWN	20	N/A	N/A	N/A

Printing & Usage Overview

A common misconception about the AWG size chart is that it's a complex, mysterious tool, but it's actually a simple and practical reference guide. This chart, often referred to as the American Wire Gauge or wire size chart, is your go-to for quickly finding wire dimensions and properties. It's not as daunting as it may seem; the AWG size chart is a straightforward visual aid, ensuring you select the right wire size for your electrical projects. Understanding the AWG Size Chart The AWG (American Wire Gauge) size chart is a handy reference tool for anyone working with electrical wiring. It provides a standardized way to determine the size and characteristics of different wires, making it an essential guide for electrical installations and projects. This chart offers a quick and reliable method to identify wire sizes, ensuring accurate selections for various applications. Comparing AWG Standards and Formats AWG charts

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