Wire Amp Chart: Your Easy Reference Guide

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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

You're here because you need a reliable guide to help you navigate the wire amp chart and its essential details. This chart is a handy tool, offering a quick reference for understanding wire gauge and ampere capacity. It provides a clear visual representation, ensuring you can make accurate choices when selecting wires for your projects. While values may vary depending on certain factors, the wire amp chart serves as a valuable starting point, offering a simple and effective way to ensure your electrical work is safe and efficient. Understanding the Wire Amp Chart: A Practical Guide The wire amp chart is a valuable tool that provides essential information about the current-carrying capacity of different wire sizes. It offers a quick reference guide to determine the appropriate wire gauge for your electrical needs. This chart is designed to help you make informed decisions and ensure safe and

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