

WIRE CURRENT CARRYING CAPABILITIES

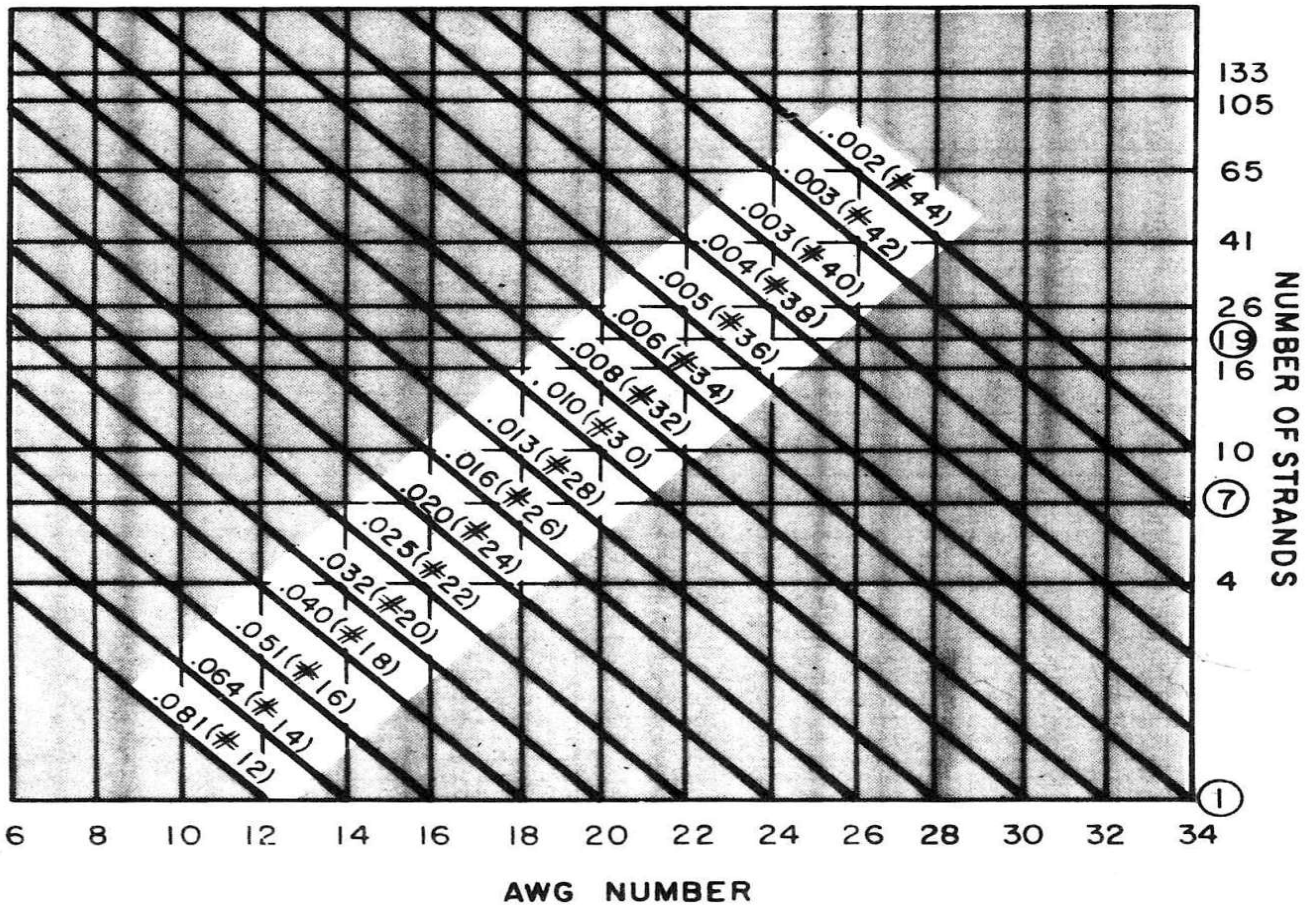
AWG	Fusing Current (Amps)
30	
28	
26	20
24	29
22	41
20	58
18	83
16	117
14	166
12	235

NOTES:

1. The FUSING CURRENT is the current at which the wire will melt.
2. The NORMAL LOAD (rating) is based on 400 CIR MILS/A.
3. Stranded wire specifications allow strands to run from 7 to 19 strands but manufacturers usually use 7 or 19.

How to use this chart

Locate the conductor's desired AWG size on the chart and trace it vertically. The number and size of strands needed to make the stranded conductor will be indicated by the horizontal line (strand number) and diagonal line (strand size), respectively.



Source: Texas Instruments Equipment Group Design Guide, 1984.