

**2008 - American Wire Standard to Metric Standard Conversion**  
 FROM NEC 2005, CHAPTER 9 - TABLE 8

WIRE			CONDUIT		
Size AWG or KCMIL	Area Circ mm <sup>2</sup>	Standard Metric Sizes mm <sup>2</sup>	Nominal Diameter US (Inches)	Equivalent Diameter Metric (mm)	Standard Metric Size (mm)
18	0.823	<b>1</b>	1/2	13	16
16	1.31	<b>1.5</b>	3/4	19	21
14	2.08	<b>2.5</b>	1	25	27
12	3.31	<b>4</b>	1 1/4	32	35
10	5.26	<b>6</b>	1 1/2	38	41
8	8.37	<b>10</b>	2	51	53
6	13.30	<b>16</b>	3	76	78
4	21.15	<b>25</b>	4	102	103
3	26.67	<b>35</b>			
2	33.62	<b>35</b>			
1	42.41	<b>50</b>			
1/0	53.49	<b>70</b>			
2/0	67.43	<b>70</b>			
3/0	85.01	<b>95</b>			
4/0	107.2	<b>120</b>			
250	127	<b>150</b>			
300	152	<b>185</b>			
350	177	<b>185</b>			
400	203	<b>240</b>			
500	253	<b>300</b>			