

**TABLE 5M**

**METRIC WIRE AREA, DIAMETERS & MASS  
WITH EQUIVALENT INCH-POUND UNITS G**

Metric Units				Inch-pound Units (conversions)				Gage Guide
Size ♦ (MW=Plain) (mm <sup>2</sup> )	Area (mm <sup>2</sup> )	Diameter (mm)	Mass (kg/m)	Size ♦ (W=Plain) (in <sup>2</sup> x100)	Area (in <sup>2</sup> )	Diameter (in)	Weight (lb./ft.)	
MW290	290	19.22	2.27	W45	.450	.757	1.53	
MW200	200	15.95	1.57	W31	.310	.628	1.054	
MW130	130	12.9	1.02	W20.2	.202	.507	.687	7/0
MW120	120	12.4	.941	W18.6	.186	.487	.632	6/0
MW100	100	11.3	.784	W15.5	.155	.444	.527	5/0
MW90	90	10.7	.706	W14.0	.140	.422	.476	
MW80	80	10.1	.627	W12.4	.124	.397	.422	4/0
MW70	70	9.4	.549	W10.9	.109	.373	.371	3/0
MW65	65	9.1	.510	W10.1	.101	.359	.343	
MW60	60	8.7	.470	W9.3	.093	.344	.316	2/0
MW55	55	8.4	.431	W8.5	.085	.329	.289	
MW50	50	8.0	.392	W7.8	.078	.314	.263	1/0
MW45	45	7.6	.353	W7.0	.070	.298	.238	1
MW40	40	7.1	.314	W6.2	.062	.283	.214	
MW35	35	6.7	.274	W5.4	.054	.262	.184	2
MW30	30	6.2	.235	W4.7	.047	.245	.160	3
MW26	26	5.7	.204	W4.0	.040	.226	.136	4
MW25	25	5.6	.196	W3.9	.039	.223	.133	
MW20	20	5.0	.157	W3.1	.031	.199	.105	
MW19	19	4.9	.149	W2.9	.029	.192	.098	6
MW15	15	4.4	.118	W2.3	.023	.171	.078	8
MW13	13	4.1	.102	W2.0	.020	.160	.068	
MW10	10	3.6	.078	W1.6	0.16	.143	.054	
MW9	9	3.4	.071	W1.4	.014	.135	.048	10

\*Metric wire sizes can be specified in 1 mm<sup>2</sup> increments. \*\*Inch-Pound sizes can be specified in .001 in<sup>2</sup> increments.

Note ↔ -For other available wire sizes, consult other WRI publications or discuss with WWR manufactures.

Note ♦ -Wires may be deformed, use prefix MD or D, expect where only MW or W is required by building codes (usually less than MW26 or W4).