

Welded Wire Fabric – Sectional Area Table

Due to escalating construction costs welded wire fabric sheets can, in many situations, reduce placing costs. The tables below were developed to assist architects,

engineers, and contractors when selecting Ivy Steel & Wire structural mesh. This information should only be used as a convenient reference guide for

standard building reinforcement and should not be used for any other purpose than its intended use.

Sectional Areas Of Welded Wire Fabric

(Area in sq. in. per ft. of width for various spacings)

W-Number Wire Size	Steel Wire Gauge	Nominal Dia. In.	2"	3"	4"	5"	6"	8"	9"	10"	12"
W45.0		0.7570	2.7000	1.8000	1.3500	1.0800	.9000	.6750	.6000	.5400	.4500
W31.0		0.6280	1.8600	1.2400	.9300	.7440	.6200	.4650	.4130	.3720	.3100
W30.0		0.6180	1.8000	1.2000	.9000	.7200	.6000	.4500	.4000	.3600	.3000
W28.0		0.5870	1.6800	1.1200	.8400	.6720	.5600	.4200	.3730	.3360	.2800
W26.0		0.5760	1.5600	1.0400	.7800	.6240	.5200	.3900	.3470	.3120	.2600
W24.0		0.5530	1.4400	.9600	.7200	.5760	.4800	.3600	.3200	.2880	.2400
W22.0		0.5290	1.3200	.8800	.6600	.5280	.4400	.3300	.2930	.2640	.2200
W20.0		0.5040	1.2000	.8000	.6000	.4800	.4000	.3000	.2670	.2400	.2000
	7/0	0.4900	1.1340	.7560	.5670	.4536	.3780	.2835	.2520	.2268	.1890
W18.0		0.4780	1.0800	.7200	.5400	.4320	.3600	.2700	.2400	.2160	.1800
	6/0	0.4620	1.0080	.6720	.5040	.4032	.3360	.2520	.2240	.2016	.1680
W16.0		0.4510	.9600	.6400	.4800	.3840	.3200	.2400	.2130	.1920	.1600
	5/0	0.4310	.8760	.5840	.4380	.3504	.2920	.2190	.1947	.1752	.1460
W14.0		0.4220	.8400	.5600	.4200	.3360	.2800	.2100	.1870	.1680	.1400
W12.2	0000	0.3940	.7300	.4900	.3660	.2930	.2440	.1830	.1630	.1460	.1220
W12.0		0.3900	.7200	.4800	.3600	.2880	.2400	.1800	.1600	.1440	.1200
	0000½	0.3780	.6700	.4500	.3400	.2690	.2240	.1680	.1500	.1350	.1120
W11.0		0.3740	.6600	.4400	.3300	.2640	.2200	.1650	.1460	.1320	.1100
W10.5		0.3660	.6300	.4200	.3150	.2520	.2100	.1570	.1400	.1260	.1050
W10.3	000	0.3625	.6200	.4100	.3100	.2480	.2060	.1550	.1380	.1240	.1030
W10.0		0.3560	.6000	.4000	.3000	.2400	.2000	.1500	.1330	.1200	.1000
W 9.5	000½	0.3480	.5700	.3800	.2850	.2280	.1900	.1430	.1270	.1140	.0950
W 9.0		0.3380	.5400	.3600	.2700	.2160	.1800	.1350	.1200	.1080	.0900
W 8.6	00	0.3310	.5200	.3440	.2580	.2070	.1720	.1290	.1150	.1030	.0860
W 8.5		0.3290	.5100	.3400	.2550	.2094	.1700	.1270	.1130	.1020	.0850
W 8.0	00½	0.3190	.4800	.3200	.2400	.1920	.1600	.1200	.1060	.0960	.0800
W 7.5		0.3090	.4500	.3000	.2250	.1800	.1500	.1120	.1000	.0900	.0750
W 7.4	0	0.3065	.4400	.2950	.2210	.1770	.1480	.1110	.0980	.0890	.0740
W 7.0		0.2980	.4200	.2800	.2100	.1680	.1400	.1050	.0930	.0840	.0700
	0½	0.2950	.4100	.2700	.2050	.1640	.1370	.1030	.0910	.0820	.0680
W 6.5		0.2880	.3900	.2600	.1950	.1560	.1300	.0970	.0860	.0780	.0650
W 6.3	1	0.2830	.3800	.2500	.1890	.1510	.1260	.0940	.0840	.0750	.0630
W 6.0		0.2760	.3600	.2400	.1800	.1440	.1200	.0900	.0800	.0720	.0600
	1½	0.2730	.3500	.2300	.1760	.1400	.1170	.0880	.0780	.0700	.0590
W 5.5		0.2640	.3300	.2200	.1650	.1320	.1100	.0820	.0730	.0660	.0550
W 5.4	2	0.2625	.3250	.2160	.1620	.1300	.1080	.0810	.0720	.0650	.0540
W 5.0	2½	0.2520	.3000	.2000	.1500	.1200	.1000	.0750	.0660	.0600	.0500
W 4.7	3	0.2440	.2800	.1900	.1400	.1100	.0940	.0700	.0620	.0560	.0470
W 4.5		0.2400	.2700	.1800	.1350	.1080	.0900	.0670	.0600	.0540	.0450
	3½	0.2350	.2600	.1700	.1300	.1040	.0870	.0650	.0580	.0520	.0430
W 4.0	4	0.2260	.2400	.1600	.1200	.0960	.0800	.0600	.0530	.0480	.0400
W 3.5		0.2110	.2100	.1400	.1050	.0840	.0700	.0520	.0470	.0420	.0350
W 3.4	5	0.2070	.2000	.1350	.1010	.0870	.0670	.0500	.0450	.0400	.0340
W 3.0		0.1950	.1800	.1200	.0900	.0720	.0600	.0450	.0400	.0360	.0300
W 2.9	6	0.1920	.1700	.1160	.0870	.0690	.0580	.0430	.0390	.0350	.0290
W 2.5	7	0.1780	.1500	.1000	.0750	.0600	.0500	.0370	.0330	.0300	.0250
W 2.1	8	0.1620	.1240	.0820	.0620	.0490	.0410	.0310	.0270	.0250	.0210
W 2.0		0.1590	.1190	.0790	.0600	.0480	.0400	.0300	.0260	.0240	.0200
W 1.7	9	0.1480	.1030	.0690	.0520	.0410	.0340	.0260	.0230	.0210	.0170
W 1.5		0.1380	.0900	.0600	.0450	.0360	.0300	.0220	.0200	.0180	.0150
W 1.4	10	0.1350	.0860	.0570	.0430	.0340	.0290	.0210	.0190	.0170	.0140
W 1.1	11	0.1205	.0680	.0460	.0340	.0270	.0230	.0170	.0150	.0140	.0110
W 1.0		0.1130	.0600	.0400	.0300	.0240	.0200	.0150	.0130	.0120	.0100
W 0.9	12	0.1055	.0520	.0350	.0260	.0210	.0170	.0130	.0120	.0100	.0090
W 0.7	13	0.0915	.0390	.0260	.0200	.0160	.0130	.0100	.0090	.0080	.0070
W 0.05	14	0.0800	.0300	.0200	.0150	.0120	.0100	.0080	.0070	.0060	.0050
	15	0.0720	.0240	.0160	.0120	.0100	.0080	.0060	.0050	.0050	.0040
	16	0.0625	.0180	.0120	.0090	.0070	.0060	.0050	.0040	.0040	.0030