

Wide-Flange Beams							
Size	Lbs/Ft.	40' Weight (Lbs)	Height (Depth - In.)	Width of Flange (in.)	Flange Thickness (in.)	Thickness of Web (in.)	Area (sq. In.)
4	13	520	4.16	4.060	0.345	0.280	3.83
5	16	640	5.01	5.000	0.360	0.240	4.71
	19	760	5.15	5.030	0.430	0.270	5.56
6	9	360	5.90	3.940	0.215	0.170	2.68
	12	480	6.03	4.000	0.280	0.230	3.55
	15	600	5.99	5.990	0.260	0.230	4.43
	16	640	6.28	4.030	0.405	0.260	4.74
	20	800	6.20	6.020	0.365	0.260	5.87
	25	1000	6.38	6.080	0.455	0.320	7.34
8	10	400	7.89	3.940	0.205	0.170	2.96
	13	520	7.99	4.000	0.255	0.230	3.84
	15	600	8.11	4.015	0.315	0.245	4.44
	18	720	8.14	5.250	0.230	0.230	5.26
	21	840	8.28	5.270	0.400	0.250	6.16
	24	960	7.93	6.495	0.400	0.245	7.08
	28	1120	8.06	6.535	0.465	0.285	8.25
	31	1240	8.00	7.995	0.435	0.285	9.13
	25	1000	8.12	8.020	0.495	0.310	10.3
	40	1600	8.25	8.070	0.560	0.360	11.7
	48	1920	8.50	8.110	0.685	0.400	14.1
	58	2320	8.75	8.220	0.810	0.510	17.1
	67	2680	9.00	8.280	0.935	0.570	19.7
10	12	480	9.87	3.960	0.210	0.190	3.54
	15	600	9.99	4.000	0.270	0.230	4.4
	17	680	10.11	4.010	0.330	0.240	4.99
	19	760	10.24	4.020	0.395	0.250	5.62
	22	880	10.17	5.750	0.360	0.240	6.49
	26	1040	10.33	5.770	0.440	0.260	7.61
	30	1200	10.47	5.810	0.510	0.300	8.84
	33	1320	9.73	7.960	0.435	0.290	9.71
	39	1560	9.92	7.985	0.530	0.315	11.5
	45	1800	10.10	8.020	0.620	0.350	13.3
	49	1960	9.98	10.000	0.560	0.340	14.4
	54	2160	10.09	10.030	0.615	0.370	15.8
	60	2400	10.22	10.080	0.680	0.420	17.6
	68	2720	10.40	10.130	0.770	0.470	20
	77	3080	10.60	10.190	0.870	0.530	22.6
	88	3520	10.84	10.265	0.990	0.605	25.9
	100	4000	11.10	10.340	1.120	0.680	29.4
	112	4480	11.17	10.375	1.250	0.750	32.9

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Size	Lbs/Ft.	40' Weight (Lbs)	Height (Depth - In.)	Width of Flange (in.)	Flange Thickness (in.)	Thickness of Web (in.)	Area (sq. In.)
12	14	560	11.91	3.970	0.225	0.200	4.16
	16	640	11.99	3.990	0.265	0.220	4.71
	19	760	12.16	4.005	0.350	0.235	5.57
	22	880	12.31	4.030	0.425	0.260	6.48
	26	1040	12.22	6.490	0.380	0.230	7.65
	30	1200	12.34	6.520	0.440	0.260	8.79
	35	1400	12.50	6.560	0.520	0.300	10.3
	40	1600	11.94	8.005	0.515	0.295	11.8
	45	1800	12.06	8.045	0.575	0.335	13.2
	50	2000	12.19	8.080	0.640	0.370	14.7
	53	2120	12.06	9.995	0.575	0.345	15.6
	58	2320	12.19	10.010	0.640	0.360	17
	65	2600	12.12	12.000	0.605	0.390	19.1
	72	2880	12.25	12.040	0.670	0.430	21.1
	79	3160	12.38	12.080	0.735	0.470	23.2
	87	3480	12.53	12.125	0.810	0.515	25.6
	96	3840	12.71	12.160	0.900	0.550	28.2
	106	4240	12.89	12.220	0.990	0.610	31.2
	120	4800	13.12	12.375	1.125	0.687	35.3
	136	5440	13.41	12.400	1.250	0.790	39.9
	152	6080	13.71	12.480	1.400	0.870	44.7
	170	6800	14.03	12.570	1.560	0.960	51.3
	190	7600	14.38	12.670	1.735	1.060	57.2
	210	8400	14.71	12.790	1.900	1.180	61.8
14	22	880	13.74	5.000	0.335	0.230	6.49
	26	1040	13.91	5.025	0.420	0.255	7.7
	30	1200	13.84	6.730	0.385	0.270	8.85
	34	1360	13.98	6.745	0.455	0.285	10
	38	1520	14.10	6.770	0.515	0.310	11.2
	43	1720	13.66	7.995	0.530	0.305	12.6
	48	1920	13.79	8.030	0.595	0.340	14.1
	53	2120	13.92	8.060	0.660	0.370	15.6
	61	2440	13.80	9.995	0.645	0.375	17.9
	68	2720	14.04	10.035	0.720	0.415	20
	74	2960	14.17	10.070	0.785	0.450	21.8
	82	3280	14.31	10.130	0.855	0.510	24.1
	90	3600	14.02	14.520	0.710	0.440	26.5
	99	3960	14.16	14.565	0.780	0.485	29.1
	109	4360	14.32	14.605	0.860	0.525	32
	120	4800	14.48	14.670	0.940	0.590	35.3
	132	5280	14.63	14.750	1.000	0.625	38.8
	145	5800	14.75	15.500	1.062	0.688	42.7
	159	6360	14.98	15.565	1.190	0.745	46.7
	176	7040	15.22	15.650	1.310	0.830	51.8
	193	7720	15.48	15.710	1.440	0.890	56.8
	211	8440	15.72	15.800	1.560	0.980	62
	233	9320	16.04	15.890	1.720	1.070	68.5
	311	12440	17.12	15.230	2.260	1.410	91.4
	426	17040	18.67	16.695	3.035	1.875	125

Wide-Flange Beams							
Size	Lbs/Ft.	40' Weight (Lbs)	Height (Depth - In.)	Width of Flange (in.)	Flange Thickness (in.)	Thickness of Web (in.)	Area (sq. In.)
16	26	1040	15.69	5.500	0.345	0.250	7.68
	31	1240	15.88	5.525	0.440	0.275	9.12
	36	1440	15.86	6.985	0.430	0.295	10.6
	40	1600	16.01	6.995	0.505	0.305	11.8
	45	1800	16.13	7.035	0.565	0.345	13.3
	50	2000	16.26	7.070	0.630	0.380	14.7
	57	2280	16.43	7.120	0.715	0.430	16.8
	67	2680	16.33	10.235	0.665	0.395	19.7
	77	3080	16.52	10.295	0.760	0.455	22.6
	89	3560	16.75	10.365	0.875	0.525	26.2
	100	4000	16.97	10.425	0.985	0.585	29.4
18	35	1400	17.70	6.000	0.425	0.300	10.3
	40	1600	17.90	6.015	0.525	0.315	11.8
	41	1640	17.70	7.450	0.430	0.319	12.1
	45	1800	17.86	7.480	0.500	0.340	13.5
	46	1840	18.06	6.060	0.605	0.360	13.5
	50	2000	17.99	7.495	0.570	0.355	14.7
	55	2200	18.11	7.530	0.630	0.390	16.2
	60	2400	18.24	7.555	0.695	0.415	17.6
	65	2600	18.35	7.590	0.750	0.450	19.1
	71	2840	18.47	7.635	0.810	0.495	20.8
	76	3040	18.21	11.035	0.680	0.425	22.3
	86	3440	18.39	11.090	0.770	0.480	25.3
	97	3880	18.59	11.145	0.870	0.535	28.5
	106	4240	18.73	11.200	0.940	0.590	31.1
	119	4760	18.97	11.265	1.060	0.655	35.1
	130	5200	19.25	11.160	1.200	0.670	38.5
	143	5720	19.48	11.220	1.320	0.730	42.4
	158	6320	19.72	11.300	1.440	0.810	46.3
	175	7000	20.04	11.375	1.590	0.890	51.3
	192	7680	20.35	11.455	1.750	0.960	56.4
	211	8440	20.67	1.555	1.910	1.060	62.1
	234	9360	21.06	1.650	2.110	1.160	68.8
21	44	1760	20.66	6.500	0.450	0.350	13
	48	1920	20.62	8.140	0.430	0.350	14.3
	50	2000	20.83	6.530	0.535	0.380	14.7
	55	2200	20.80	8.215	0.522	0.375	15.9
	57	2280	21.06	6.555	0.650	0.405	16.7
	62	2480	20.99	8.240	0.615	0.400	18.3
	68	2720	21.13	8.270	0.685	0.430	20
	73	2920	21.24	8.295	0.740	0.455	21.3
	83	3320	21.43	8.355	0.835	0.515	24.3
	93	3720	21.62	8.420	0.930	0.580	27.3
	101	4040	21.36	12.290	0.800	0.500	29.8
	111	4440	21.51	12.340	0.875	0.555	32.7
	122	4880	21.63	12.375	0.938	0.625	35.9
	132	5280	21.88	12.500	1.063	0.625	38.8
	147	5880	22.00	12.500	1.125	0.750	43.2
	166	6640	22.48	12.420	1.360	0.750	48.9
	182	7280	22.72	12.500	1.480	0.830	53.7
	248	9920	23.74	12.775	1.990	1.100	72.8

Wide-Flange Beams							
Size	Lbs/Ft.	40' Weight (Lbs)	Height (Depth - In.)	Width of Flange (in.)	Flange Thickness (in.)	Thickness of Web (in.)	Area (sq. In.)
24	55	2200	23.57	7.005	0.505	0.395	16.2
	62	2480	23.74	7.040	0.590	0.430	18.2
	68	2720	23.73	8.965	0.585	0.415	20.1
	76	3040	23.92	8.990	0.680	0.440	22.4
	84	3360	24.10	9.020	0.770	0.470	24.7
	94	3760	24.31	9.065	0.875	0.515	27.7
	103	4120	24.53	9.000	0.980	0.550	30.3
	104	4160	24.06	12.750	0.750	0.500	30.6
	117	4680	24.26	12.800	0.850	0.550	34.4
	131	5240	24.50	12.875	0.938	0.625	38.5
	146	5840	24.75	12.875	1.063	0.625	43
	162	6480	25.00	13.000	1.250	0.688	47.7
	176	7040	25.24	12.890	1.340	0.750	51.7
	192	7680	25.42	12.950	1.460	0.810	57.7
	207	8280	25.71	13.010	1.570	0.870	60.7
	229	9160	26.02	13.110	1.730	0.960	67.2
	279	11160	26.73	13.305	2.090	1.160	82
27	84	3360	26.71	9.960	0.640	0.460	24.8
	94	3760	26.92	9.990	0.745	0.490	27.7
	102	4080	27.09	10.015	0.830	0.515	30
	114	4560	27.29	10.070	0.930	0.570	33.5
	129	5160	27.63	10.010	1.100	0.610	37.8
	146	5840	27.38	13.965	0.975	0.605	42.9
	161	6440	27.63	14.000	1.063	0.688	47.4
	178	7120	27.75	14.125	1.188	0.725	52.3
	194	7760	28.11	14.035	1.340	0.750	57
	217	8680	28.43	14.115	1.500	0.830	63.8
	235	9400	28.66	14.190	1.610	0.910	69.1
	336	13440	30.00	14.550	2.280	1.260	98.7
30	90	3600	29.53	10.400	0.610	0.470	26.5
	99	3960	29.65	10.450	0.670	0.520	29.1
	108	4320	29.83	10.475	0.760	0.545	31.7
	116	4640	30.01	10.495	0.850	0.565	34.2
	124	4960	30.17	10.515	0.930	0.585	36.5
	132	5280	30.31	10.545	1.000	0.615	38.9
	148	5920	30.67	10.480	1.180	0.650	43.5
	173	6920	30.50	15.000	1.063	0.625	50.8
	191	7640	30.63	15.000	1.188	0.688	56.1
	211	8440	30.94	15.105	1.315	0.775	62
	235	9400	31.30	15.055	1.500	0.830	69
	261	10440	31.61	15.155	1.650	0.930	76.7
33	118	4720	32.86	11.480	0.740	0.550	34.7
	130	5200	33.09	11.510	0.855	0.580	38.3
	141	5640	33.30	11.535	0.960	0.605	41.6
	152	6080	33.49	11.565	1.055	0.635	44.7
	169	6760	33.82	11.500	1.220	0.670	49.5
	201	8040	33.68	15.745	1.150	0.715	59.1
	221	8840	33.93	15.805	1.275	0.775	65
	263	10520	34.53	15.805	1.570	0.870	77.4
	291	11640	34.84	15.905	1.730	0.960	85.6

Wide-Flange Beams							
Size	Lbs/Ft.	40' Weight (Lbs)	Height (Depth - In.)	Width of Flange (in.)	Flange Thickness (in.)	Thickness of Web (in.)	Area (sq. In.)
36	135	5400	35.55	11.950	0.790	0.600	39.7
	150	6000	35.85	11.975	0.940	0.625	44.2
	160	6400	36.01	12.000	1.020	0.650	47
	170	6800	36.17	12.030	1.110	0.680	50
	182	7280	36.33	12.075	1.180	0.725	53.6
	194	7760	36.49	12.115	1.260	0.765	57
	210	8400	36.69	12.180	1.360	0.830	61.8
	231	9240	36.49	16.470	1.260	0.760	68.5
	232	9280	37.12	12.120	1.570	0.870	68.1
	247	9880	36.67	16.510	1.355	0.800	72.9
	256	10240	37.43	12.215	1.730	0.960	75.4
	262	10480	36.85	16.550	1.440	0.840	77.4
	282	11280	37.11	16.595	1.570	0.885	83.4
	302	12080	37.53	16.655	1.680	0.945	89.3
40	149	5960	38.20	11.810	0.830	0.630	43.8
	167	6680	38.59	11.810	1.025	0.650	49.1
	183	7320	38.98	11.810	1.200	0.650	53.7
	199	7960	38.67	15.750	1.065	0.650	58.4
	211	8440	39.37	11.810	1.415	0.750	62