

Cable & Hose Data

TYPE SO CABLE — 600 VOLT

16 AWG			14 AWG			12 AWG			10 AWG		
No. Cond.	Dia. In.	Weight lb/ft	No. Cond.	Dia. In.	Weight lb/ft	No. Cond.	Dia. In.	Weight lb/ft	No. Cond.	Dia. In.	Weight lb/ft
2	0.374	0.094	2	0.512	0.158	2	0.586	0.204	2	0.638	0.250
3	0.393	0.110	3	0.538	0.184	3	0.616	0.244	3	0.671	0.310
4	0.427	0.144	4	0.584	0.224	4	0.668	0.282	4	0.730	0.371
5	0.510	0.156	5	0.665	0.260	5	0.725	0.322	5	0.796	0.425
6	0.565	0.178	6	0.710	0.302	6	0.805	0.380	6	0.883	0.485
7	0.605	0.202	7	0.710	0.329	7	0.865	0.435	7	0.982	0.593
8	0.645	0.222	8	0.770	0.373	8	0.920	0.475	9	1.127	0.725
9	0.720	0.268	9	0.820	0.414	9	1.020	0.550	10	1.127	0.760
10	0.720	0.278	10	0.885	0.434	10	1.020	0.581	12	1.153	0.850
12	0.740	0.305	12	0.905	0.481	12	1.050	0.645	20	1.455	1.400
14	0.775	0.348	14	1.000	0.556	14	1.105	0.743	24	1.595	1.645
16	0.825	0.386	16	1.050	0.657	16	1.160	0.840	26	1.595	1.740
18	0.860	0.430	18	1.110	0.715	18	1.227	0.925	28	1.725	1.880
20	0.900	0.466	20	1.150	0.785	20	1.287	1.005	32	1.830	2.180
22	0.940	0.503	22	1.210	0.857	22	1.370	1.140	36	1.890	2.400
24	1.015	0.564	24	1.320	0.920	24	1.443	1.225	40	2.030	2.660
26	1.015	0.604	26	1.350	0.986	26	1.443	1.290	44	2.115	2.890
28	1.070	0.654	28	1.370	1.098	28	1.523	1.400	48	2.150	3.100
30	1.070	0.677	30	1.390	1.138	30	1.523	1.450	52	2.200	3.330
32	1.120	0.714	32	1.450	1.220	40	1.820	1.990	56	2.275	3.550
34	1.155	0.807	34	1.495	1.300	44	1.900	2.140			
36	1.155	0.820	36	1.515	1.359	48	1.930	2.300			
40	1.235	0.881	40	1.550	1.429	52	1.980	2.450			
44	1.280	0.940	44	1.715	1.619	56	2.020	2.600			
48	1.290	0.995	48	1.740	1.734	60	2.090	2.780			
52	1.360	1.100	52	1.784	1.843						
56	1.410	1.170	56	1.865	2.030						
60	1.465	1.260	60	1.925	2.156						

TYPE W CABLE — 600 VOLT

AWG Size	No. Cond.	Dia. In.	Weight lb/ft
8	2	0.788	0.328
	3	0.894	0.470
	4	0.966	0.583
6	2	0.872	0.425
	3	0.983	0.614
	4	1.068	0.769
4	2	1.040	0.780
	3	1.068	0.797
	4	1.166	1.019
3	2	1.033	0.687
	3	1.135	0.950
	4	1.241	1.197
2	2	1.177	0.888
	3	1.244	1.152
	4	1.326	1.429
1	2	1.365	1.090
	3	1.413	1.491
	4	1.548	1.877
1/0	2	1.454	1.386
	3	1.539	1.805
	4	1.686	2.309
2/0	2	1.555	1.640
	3	1.647	2.154
	4	1.807	2.738

TYPE G-GC CABLE — 600 VOLT

AWG Size	No. Cond.	Dia. In.	Weight lb/ft
8	3	0.915	0.661
6	3	1.000	0.792
4	3	1.120	1.088
3	3	1.180	1.250
2	3	1.250	1.436
1	3	1.440	1.856
1/0	3	1.565	2.270
2/0	3	1.630	2.660

Refer to the National Electric Code for ampere ratings and other details.

Whenever possible, refer to specific manufacturer's information regarding cable or hose. If this information is not available, these charts are composites and may be used as guides to typical cable and hose size and weights.

HOSE GENERAL PURPOSE

Listings for general purpose hose do NOT include fluid weight. Specific fluid weights should be added when figuring Total Cable/Hose Weight.

I.D. In.	Braid	O.D. In.	PSI (WORKING)	Weight lb/ft
.25	2	0.59	250	0.13
.38	2	0.72	250	0.18
.50	2	0.84	250	0.23
.75	2	1.16	250	0.37
1.00	2	1.50	150	0.64
1.25	2	1.75	150	1.01
1.50	2	2.00	150	1.06

HOSE SINGLE HYDRAULIC

Listings for single hydraulic hose do NOT include fluid weight. Specific fluid weights should be added when figuring Total Cable/Hose Weight.

I.D. In.	Braid	O.D. In.	PSI (WORKING)	Weight lb/ft
.25	2	0.58	5000	0.23
.38	2	0.73	4000	0.35
.50	2	0.86	3500	0.42
.75	2	1.14	2250	0.60
1.00	2	1.48	2000	0.89
1.25	2	1.87	1625	1.40