

CONDUIT CAPACITY FILL CHART

Conduit Size		2/4	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
I.D., Inches		0.622	0.824	1.049	1.38	1.61	2.067	2.169	3.068	3.548	4.026
Permissible Area *		1/8	0.21	0.34	0.6	0.82	1.34	1.92	2.95	3.96	5.09
Cable OD Inches	Cable Area Sq. Inches										
0.100	0.008	15	27	44	76	103	170	243	376	503	648
0.125	0.012	9	17	28	48	66	109	156	240	322	414
0.150	0.018	6	12	19	33	46	75	108	167	223	288
0.175	0.024	5	8	14	24	33	55	79	122	164	211
0.200	0.031	3	6	11	19	25	42	60	94	125	162
0.225	0.040	3	5	8	15	20	33	48	74	99	128
0.250	0.049	2	4	7	12	16	27	39	60	80	103
0.275	0.059	2	3	5	10	13	22	32	49	66	85
0.300	0.071	1	3	4	8	11	18	27	41	55	72
0.325	0.083	1	2	4	7	9	16	23	35	47	61
0.350	0.096	1	2	3	6	8	13	19	30	41	52
0.375	0.110	1	1	3	5	7	12	17	26	35	46
0.400	0.126		1	2	4	6	10	15	23	31	40
0.425	0.142		1	2	4	5	9	13	20	27	35
0.450	0.159		1	2	3	5	8	12	18	24	32
0.475	0.177		1	1	3	4	7	10	16	22	28
0.500	0.196		1	1	3	4	6	9	15	20	25
0.525	0.216			1	2	3	6	8	13	18	23
0.550	0.238			1	2	3	5	8	12	16	21
0.575	0.260			1	2	3	5	7	11	15	19
0.600	0.283			1	2	2	4	6	10	13	18
0.625	0.307			1	1	2	4	6	9	12	16
0.650	0.332			1	1	2	4	5	8	11	15
0.672	0.358				1	2	3	5	8	11	14
0.700	0.385				1	2	3	4	7	10	13
0.725	0.413				1	1	3	4	7	9	12
0.750	0.442				1	1	3	4	6	8	11
0.775	0.472				1	1	2	4	6	8	10
0.800	0.503				1	1	2	3	5	7	10
0.825	0.535				1	1	2	3	5	7	9
0.850	0.567				1	1	2	3	5	6	8
0.875	0.601					1	2	3	4	6	8
0.900	0.636					1	2	3	4	6	8
0.925	0.672					1	1	2	4	5	7
0.950	0.709					1	1	2	4	5	7
0.975	0.747					1	1	2	3	5	6
1.000	0.785					1	1	2	3	5	6

*Permissible Area to be occupied (sq in) is based on the National Electrical Code of 40% fill which applies to more than two non-leaded covered cables installed within the same conduit.

PLEASE NOTE:

This conduit chart is to be used only as a guideline. Since local codes may vary from the National Electrical Code, Cable Plus, Inc. will not be held responsible for this chart. It is the installer's responsibility to see the installation passes codes.

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