

Conduit Wire Fill

Trade Size	Type	Wire Size (THWN, THHN) Conductor Size AWG/kcmil																					
		14	12	10	8	6	4	3	2	1	1/0	2/0	3/0	4/0	250	300	350	400	500	600	700	750	
½	EMT	12	9	5	3	2	1	1	1	1	1												
	IMC	14	10	6	3	2	1	1	1	1	1	1											
	RMC	13	9	6	3	2	1	1	1	1	1	1											
¾	EMT	22	16	10	6	4	2	1	1	1	1	1	1	1									
	IMC	24	17	11	6	4	3	2	1	1	1	1	1	1									
	RMC	22	16	10	6	4	2	1	1	1	1	1	1	1									
1	EMT	35	26	16	9	7	4	3	3	1	1	1	1	1	1	1	1						
	IMC	39	29	18	10	7	4	4	3	2	1	1	1	1	1	1	1	1					
	RMC	36	26	17	9	7	4	3	3	1	1	1	1	1	1	1	1	1					
1¼	EMT	61	45	28	16	12	7	6	5	4	3	2	1	1	1	1	1	1	1	1	1	1	
	IMC	68	49	31	18	13	8	6	5	4	3	2	1	1	1	1	1	1	1	1	1	1	1
	RMC	63	46	29	16	12	7	6	5	4	3	2	1	1	1	1	1	1	1	1	1	1	1
1½	EMT	84	61	38	22	16	10	8	7	5	4	3	2	1	1	1	1	1	1	1	1	1	1
	IMC	91	67	42	24	17	10	9	7	5	4	4	3	3	2	1	1	1	1	1	1	1	1
	RMC	85	62	39	22	16	10	8	7	5	4	3	3	2	1	1	1	1	1	1	1	1	1
2	EMT	138	101	63	36	26	16	13	11	8	7	6	5	4	3	2	1	1	1	1	1	1	1
	IMC	149	109	68	39	38	17	15	12	9	8	6	5	4	3	3	2	2	1	1	1	1	1
	RMC	140	102	64	37	27	16	14	11	8	7	6	5	4	3	3	2	2	1	1	1	1	1
2½	EMT	241	176	111	64	46	28	24	20	15	12	10	8	7	6	5	4	4	3	2	2	1	1
	IMC	211	154	97	56	40	25	21	17	13	11	9	7	6	5	4	4	3	3	2	1	1	1
	RMC	200	146	92	53	38	23	20	17	12	10	8	7	6	5	4	3	3	2	1	1	1	1
3	EMT	364	226	167	96	69	43	36	30	22	19	16	13	11	9	7	6	6	5	4	3	3	3
	IMC	362	238	150	86	62	38	32	27	20	17	14	12	9	8	7	6	5	4	3	3	3	3
	RMC	309	225	142	82	59	36	31	26	19	16	13	11	9	7	6	5	5	4	3	3	3	3
3½	EMT	476	347	219	126	91	56	47	40	29	25	20	17	14	11	10	9	8	6	5	4	4	4
	IMC	436	318	200	115	83	51	43	36	27	23	19	16	13	10	9	8	7	6	5	4	4	4
	RMC	412	301	189	109	79	48	41	34	25	21	18	15	12	10	8	7	7	5	4	4	4	4
4	EMT	608	443	279	161	116	71	60	51	37	32	26	22	18	15	13	11	10	8	7	6	5	5
	IMC	562	410	258	149	107	66	56	47	35	29	24	20	17	13	12	10	9	7	6	5	5	5
	RMC	531	387	244	140	101	62	53	44	33	27	23	19	16	13	11	10	8	7	6	5	5	5

The information above is referenced from tables C1, C3 and C8 of the 1996 NEC, and is for reference only.

WT-051217

 2001 East Dominguez Street
P.O. Box 2720
Long Beach, CA 90810
P 800.310.8823
F 310.604.9785

westerntube.com
Follow us on Twitter:
@WesternTube

