

Maximum Number of Conductors and Fixture Wires in Electrical Metallic Tubing (EMT)
1996 NEC Code, Table C1. (Based on Table 1, Chapter 9)

Conductor Size AWG, MCM	1/2 Inch		3/4 Inch		1 Inch		1 1/4 Inch		1 1/2 Inch		2 Inch		2 1/2 Inch		3 Inch		3 1/2 Inch		4 Inch	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
14	12	8	22	15	35	25	61	43	84	58	138	96	241	168	364	254	476	332	608	424
12	9	6	16	11	26	19	45	33	61	45	101	74	176	129	266	195	347	255	443	326
10	5	5	10	8	16	14	28	24	38	33	63	55	111	96	167	145	219	190	279	243
8	3	2	6	5	9	8	16	13	22	18	36	30	64	53	96	81	126	105	161	135
6	2	1	4	3	7	6	12	10	16	14	26	22	46	39	69	60	91	78	116	100
4	1	1	2	2	4	4	7	7	10	10	16	16	28	28	43	43	56	56	71	72
3	1	1	1	1	3	3	6	6	8	8	13	14	24	24	36	36	47	48	60	61
2	1	1	1	1	3	3	5	5	7	7	11	11	20	20	30	31	40	40	51	51
1	1	1	1	1	1	1	4	4	5	5	8	8	15	15	22	23	29	30	37	38
1/0	1	1	1	1	1	1	3	3	4	4	7	7	12	13	19	19	25	25	32	32
2/0	0	0	1	1	1	1	2	2	3	3	6	6	10	10	16	16	20	21	26	27
3/0	0	0	1	1	1	1	1	1	3	3	5	5	8	9	13	13	17	17	22	22
4/0	0	0	1	1	1	1	1	1	2	2	4	4	7	7	11	11	14	14	18	18
250	0	0	0	0	1	1	1	1	1	1	3	3	6	6	9	9	11	12	15	15
300	0	0	0	0	1	1	1	1	1	1	3	3	5	5	7	8	10	10	13	13
350	0	0	0	0	1	1	1	1	1	1	2	2	4	4	6	7	9	9	11	11
400	0	0	0	0	0	0	1	1	1	1	1	1	4	4	6	6	8	8	10	10
500	0	0	0	0	0	0	1	1	1	1	1	1	3	3	5	5	6	6	8	8

Column A Wire Type - THHN, THWN, THWN-2

Column B Wire Type - XHH, XHHW, XHHW-2