

FLEX METAL FILL CHART

TYPE of WIRE	Cond. Size (AWG/kcmil)	Trade Sizes in Inches										
		3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
RHH, RHW, RHW-2	14	1	4	7	11	17	25	44	67	96	131	171
	12	1	3	6	9	14	21	37	55	80	109	142
	10	1	3	5	7	11	17	30	45	64	88	115
	8	0	1	2	4	6	9	15	23	34	46	60
	6	0	1	1	3	5	7	12	19	27	37	48
	4	0	1	1	2	4	5	10	14	21	29	37
	3	0	1	1	1	3	5	8	13	18	25	33
	2	0	1	1	1	3	4	7	11	16	22	28
	1	0	0	1	1	1	2	5	7	10	14	19
	1/0	0	0	1	1	1	2	4	6	9	12	16
	2/0	0	0	1	1	1	1	3	5	8	11	14
	3/0	0	0	0	1	1	1	3	5	7	9	12
	4/0	0	0	0	1	1	1	2	4	6	8	10
	250	0	0	0	0	1	1	1	3	4	6	8
	300	0	0	0	0	1	1	1	2	4	5	7
	350	0	0	0	0	1	1	1	2	3	5	6
	400	0	0	0	0	0	1	1	1	3	4	6
	500	0	0	0	0	0	1	1	1	3	4	5
	600	0	0	0	0	0	1	1	1	2	3	4
	700	0	0	0	0	0	0	1	1	1	3	3
750	0	0	0	0	0	0	1	1	1	2	3	
TW, THHW, THW, THW-2	14	3	9	15	23	36	53	94	141	203	277	361
	12	2	7	11	18	28	41	72	108	156	212	277
	10	1	5	8	13	21	30	54	81	116	158	207
	8	1	3	5	7	11	17	30	45	64	88	115
	6	1	1	3	4	7	10	18	27	39	53	69
	4	0	1	1	3	5	7	13	20	29	39	51
	3	0	1	1	3	4	6	11	17	25	34	44
	2	0	1	1	2	4	5	10	14	21	29	37
	1	0	1	1	1	2	4	7	10	15	20	26
	1/0	0	0	1	1	1	3	6	9	12	17	22
	2/0	0	0	1	1	1	3	5	7	10	14	19
	3/0	0	0	1	1	1	2	4	6	9	12	16
	4/0	0	0	0	1	1	1	3	5	7	10	13
	250	0	0	0	1	1	1	3	4	6	8	11
	300	0	0	0	1	1	1	2	3	5	7	9
	350	0	0	0	0	1	1	1	3	4	6	8
	400	0	0	0	0	1	1	1	3	4	6	7
	500	0	0	0	0	1	1	1	2	3	5	6
	600	0	0	0	0	0	1	1	1	3	4	5
	700	0	0	0	0	0	1	1	1	2	3	4
750	0	0	0	0	0	1	1	1	2	3	4	

Automated Controls and Electrical Supply, LLC
 "ELECTRICAL ACES" 

FLEX METAL FILL CHART

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		3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
THHN, THWN, THWN-2	14	4	13	22	33	52	76	134	202	291	396	518
	12	3	9	16	24	38	56	98	147	212	289	378
	10	1	6	10	15	24	35	62	93	134	182	238
	8	1	3	6	9	14	20	35	53	77	105	137
	6	1	2	4	6	10	14	25	38	55	76	99
	4	0	1	2	4	6	9	16	24	34	46	61
	3	0	1	1	3	5	8	13	20	29	39	51
	2	0	1	1	3	4	7	11	17	24	33	43
	1	0	1	1	1	3	6	8	12	18	24	32
	1/0	0	1	1	1	2	4	7	10	15	20	27
	2/0	0	0	1	1	1	3	6	9	12	17	22
	3/0	0	0	1	1	1	2	5	7	10	14	18
	4/0	0	0	1	1	1	1	4	6	8	12	15
	250	0	0	0	1	1	1	3	5	7	9	12
	300	0	0	0	1	1	1	3	4	6	8	11
	350	0	0	0	1	1	1	2	3	5	7	9
	400	0	0	0	0	1	1	1	3	5	6	8
	500	0	0	0	0	1	1	1	2	4	5	7
	600	0	0	0	0	0	1	1	1	3	4	5
	700	0	0	0	0	0	1	1	1	3	4	5
750	0	0	0	0	0	1	1	1	3	3	4	
XHH, XHHW, XHHW-2	14	3	9	15	23	36	53	94	141	203	277	361
	12	2	7	11	18	28	41	72	108	156	212	277
	10	1	5	8	13	21	30	54	81	116	158	207
	8	1	3	5	7	11	17	30	45	64	88	115
	6	0	1	3	5	8	12	22	33	48	65	85
	4	0	1	2	4	6	9	16	24	34	47	61
	3	0	1	1	3	5	7	13	20	29	40	52
	2	0	1	1	3	4	6	11	17	24	33	44
	1	0	1	1	1	3	5	8	13	18	25	32
	1/0	0	1	1	1	2	4	7	10	15	21	27
	2/0	0	0	1	1	2	3	6	9	13	17	23
	3/0	0	0	1	1	1	3	5	7	10	14	19
	4/0	0	0	1	1	1	2	4	6	9	12	15
	250	0	0	0	1	1	1	3	5	7	10	13
	300	0	0	0	1	1	1	3	4	6	8	11
	350	0	0	0	1	1	1	2	4	5	7	9
	400	0	0	0	0	1	1	1	3	5	6	8
	500	0	0	0	0	1	1	1	3	4	5	7
	600	0	0	0	0	0	1	1	1	3	4	5
	700	0	0	0	0	0	1	1	1	3	4	5
750	0	0	0	0	0	1	1	1	2	3	4	

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 “ELECTRICAL ACE” 