



Face Area Conversion Chart for Tube Size 1/2"

Fin Ht.	Fin Length (In.)																		
(In.)	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
2.5	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
3.8	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.1
5.0	0.4	0.6	0.8	1.0	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.8	4.0	4.2
6.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6	2.9	3.1	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2
7.5	0.5	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.3
8.8	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.6	4.0	4.4	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.3
10.0	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.8	4.2	4.6	5.0	5.4	5.8	6.3	6.7	7.1	7.5	7.9	8.3
11.3	0.9	1.4	1.9	2.3	2.8	3.3	3.8	4.2	4.7	5.2	5.6	6.1	6.6	7.0	7.5	8.0	8.4	8.9	9.4
12.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	4.7	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.9	9.4	9.9	10.4
13.8	1.1	1.7	2.3	2.9	3.4	4.0	4.6	5.2	5.7	6.3	6.9	7.4	8.0	8.6	9.2	9.7	10.3	10.9	11.5
15.0	1.3	1.9	2.5	3.1	3.8	4.4	5.0	5.6	6.3	6.9	7.5	8.1	8.8	9.4	10.0	10.6	11.3	11.9	12.5
16.3	1.4	2.0	2.7	3.4	4.1	4.7	5.4	6.1	6.8	7.4	8.1	8.8	9.5	10.2	10.8	11.5	12.2	12.9	13.5
17.5	1.5	2.2	2.9	3.6	4.4	5.1	5.8	6.6	7.3	8.0	8.8	9.5	10.2	10.9	11.7	12.4	13.1	13.9	14.6
18.8	1.6	2.3	3.1	3.9	4.7	5.5	6.3	7.0	7.8	8.6	9.4	10.2	10.9	11.7	12.5	13.3	14.1	14.8	15.6
20.0	1.7	2.5	3.3	4.2	5.0	5.8	6.7	7.5	8.3	9.2	10.0	10.8	11.7	12.5	13.3	14.2	15.0	15.8	16.7
21.3	1.8	2.7	3.5	4.4	5.3	6.2	7.1	8.0	8.9	9.7	10.6	11.5	12.4	13.3	14.2	15.1	15.9	16.8	17.7
22.5	1.9	2.8	3.8	4.7	5.6	6.6	7.5	8.4	9.4	10.3	11.3	12.2	13.1	14.1	15.0	15.9	16.9	17.8	18.8
23.8	2.0	3.0	4.0	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9	14.8	15.8	16.8	17.8	18.8	19.8
25.0	2.1	3.1	4.2	5.2	6.3	7.3	8.3	9.4	10.4	11.5	12.5	13.5	14.6	15.6	16.7	17.7	18.8	19.8	20.8
26.3	2.2	3.3	4.4	5.5	6.6	7.7	8.8	9.8	10.9	12.0	13.1	14.2	15.3	16.4	17.5	18.6	19.7	20.8	21.9
27.5	2.3	3.4	4.6	5.7	6.9	8.0	9.2	10.3	11.5	12.6	13.8	14.9	16.0	17.2	18.3	19.5	20.6	21.8	22.9
28.8	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0	13.2	14.4	15.6	16.8	18.0	19.2	20.4	21.6	22.8	24.0
30.0	2.5	3.8	5.0	6.3	7.5	8.8	10.0	11.3	12.5	13.8	15.0	16.3	17.5	18.8	20.0	21.3	22.5	23.8	25.0
31.3	2.6	3.9	5.2	6.5	7.8	9.1	10.4	11.7	13.0	14.3	15.6	16.9	18.2	19.5	20.8	22.1	23.4	24.7	26.0
32.5	2.7	4.1	5.4	6.8	8.1	9.5	10.8	12.2	13.5	14.9	16.3	17.6	19.0	20.3	21.7	23.0	24.4	25.7	27.1
33.8	2.8	4.2	5.6	7.0	8.4	9.8	11.3	12.7	14.1	15.5	16.9	18.3	19.7	21.1	22.5	23.9	25.3	26.7	28.1
35.0	2.9	4.4	5.8	7.3	8.8	10.2	11.7	13.1	14.6	16.0	17.5	19.0	20.4	21.9	23.3	24.8	26.3	27.7	29.2
36.3	3.0	4.5	6.0	7.6	9.1	10.6	12.1	13.6	15.1	16.6	18.1	19.6	21.1	22.7	24.2	25.7	27.2	28.7	30.2
37.5	3.1	4.7	6.3	7.8	9.4	10.9	12.5	14.1	15.6	17.2	18.8	20.3	21.9	23.4	25.0	26.6	28.1	29.7	31.3
38.8	3.2	4.8	6.5	8.1	9.7	11.3	12.9	14.5	16.1	17.8	19.4	21.0	22.6	24.2	25.8	27.4	29.1	30.7	32.3
40.0	3.3	5.0	6.7	8.3	10.0	11.7	13.3	15.0	16.7	18.3	20.0	21.7	23.3	25.0	26.7	28.3	30.0	31.7	33.3
41.3	3.4	5.2	6.9	8.6	10.3	12.0	13.8	15.5	17.2	18.9	20.6	22.3	24.1	25.8	27.5	29.2	30.9	32.7	34.4
42.5	3.5	5.3	7.1	8.9	10.6	12.4	14.2	15.9	17.7	19.5	21.3	23.0	24.8	26.6	28.3	30.1	31.9	33.6	35.4
43.8	3.6	5.5	7.3	9.1	10.9	12.8	14.6	16.4	18.2	20.1	21.9	23.7	25.5	27.3	29.2	31.0	32.8	34.6	36.5
45.0	3.8	5.6	7.5	9.4	11.3	13.1	15.0	16.9	18.8	20.6	22.5	24.4	26.3	28.1	30.0	31.9	33.8	35.6	37.5
46.3	3.9	5.8	7.7	9.6	11.6	13.5	15.4	17.3	19.3	21.2	23.1	25.1	27.0	28.9	30.8	32.8	34.7	36.6	38.5
47.5	4.0	5.9	7.9	9.9	11.9	13.9	15.8	17.8	19.8	21.8	23.8	25.7	27.7	29.7	31.7	33.6	35.6	37.6	39.6
48.8	4.1	6.1	8.1	10.2	12.2	14.2	16.3	18.3	20.3	22.3	24.4	26.4	28.4	30.5	32.5	34.5	36.6	38.6	40.6
50.0	4.2	6.3	8.3	10.4	12.5	14.6	16.7	18.8	20.8	22.9	25.0	27.1	29.2	31.3	33.3	35.4	37.5	39.6	41.7